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Hosea Waterer's

Catalogue of
HIGH GRADE
BULBS



1922

HOSEA WATERER

Seedsman and Bulb Importer

628 CHESTNUT ST., PHILADELPHIA

**Highest Quality
Bulbs, Seeds, Plants,
Garden Tools, Fertilizers,
Insecticides**

IN presenting my Autumn Catalogue for 1922 I do so with every confidence as to the high quality of the Bulbs, Seeds, Plants and Sundries which I offer.

All goods offered by me are of the very highest grade obtainable, and my prices are fixed at the very lowest rates consistent with superior quality.

From those who have not hitherto favored me with an order I respectfully solicit a trial which I am confident will lead to further business.

SPECIAL NOTICE

Owing to the Government's restrictions on importations, only Hyacinths, Tulips, Narcissus, Crocus, Lilies and Lily of the Valley will be allowed to enter. No other bulbs allowed.

ALL PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE

Hosea Waterer
Seedsman and Bulb Importer
628 Chestnut Street
Philadelphia

**Bell Phone
Walnut 1243**

**Keystone Phone
Main 2604**



Waterer's Exhibition Hyacinths

Extra-selected Top Size or Monster Bulbs.—We recommend this size especially for show and exhibition purposes and where the finest results are desired.

WATERER'S SELECTION

12 Exhibition Hyacinths, 12 varieties.....	\$2.25
50 Exhibition Hyacinths, 25 varieties.....	7.50
100 Exhibition Hyacinths, 25 varieties.....	14.00

SINGLE RED, ROSE AND PINK

	<i>Each</i>	<i>Doz.</i>
General de Wet.—A fine light pink with white throat	\$0.25	\$2.25
Gertrude.—Dark pink, large compact truss. ....	.25	2.25
Gigantea.—Light rose, spike large and compact .....	.25	2.25
Jacques.—Rose-pink, extra large truss.....	.25	2.25
Koh-I-Noor.—Bright pink, extra large truss .....	.25	2.25
Lady Derby.—Bright rose-pink, large compact spike .....	.25	2.25
La Victoire.—Brilliant dark pink with large perfect spike .....	.25	2.25
Moreno.—Bright pink, very large truss....	.25	2.25
Queen of Pinks.—Brilliant, clear, bright pink, large compact spike.....	.25	2.25
Roi-des-Belges.—Bright scarlet, extra large spike .....	.25	2.25
Rosea Maxima.—Delicate rose, fine truss..	.25	2.25

SINGLE YELLOW

City of Haarlem.—Golden yellow, large well-formed truss25	2.25
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HOSEA WATERER, PHILADELPHIA

Waterer's Exhibition Hyacinths—Continued

SINGLE WHITE

	<i>Each</i>	<i>Doz.</i>
Arentine Arendsen.—Pure white, large truss	\$0.25	\$2.25
British Queen.—A large broad full spike of immense waxy bells .....	.25	2.25
Grandeur a'Merveille.—Blush white, large handsome truss .....	.25	2.25
La Grandesse.—Pure white, immense bells and truss .....	.25	2.25
L'Innocence.—Pure white, extra fine and large truss .....	.25	2.25
Madame Van Der Hoop.—Waxy white, large bells and a fine spike .....	.25	2.25

SINGLE BLUE

Captain Boyton.—Sky-blue, immense truss.	.25	2.25
Enchantress.—Clear light blue, splendid spike .....	.25	2.25
Grand Maitre.—Deep lavender blue, with darker blue shading, large truss.....	.25	2.25
King of the Blues.—Clear dark blue, large bells and splendid spike .....	.25	2.25
Lord Balfour.—Claret-purple edged reddish mauve, large truss .....	.25	2.25
Menelik.—Almost black, fine large truss...	.25	2.25
Perle Brilliant.—Light blue, splendid large spike .....	.25	2.25
Potgieter.—Pale blue, immense truss.....	.25	2.25
Queen of the Blues.—Beautiful sky-blue, extra fine .....	.25	2.25
Schotel.—Light blue, perfect truss.....	.25	2.25

Select Named Dutch Hyacinths

Waterer's selection—100 select Named Hyacinths in 10 varieties	\$9.00
Waterer's selection—100 select Named Hyacinths in 20 varieties	9.75
Waterer's selection—100 select Named Hyacinths in 25 varieties	11.00

SINGLE RED, ROSE AND PINK

	<i>Each</i>	<i>Doz.</i>
Baron Van Thuyll.—Delicate pink.....	\$0.15	\$1.50
Cardinal Wiseman.—Bright rose, large truss	.15	1.50
Charles Dickens.—Dark rose, extra fine....	.15	1.50
Florence Nightingale.—Rose-pink .....	.15	1.50
Gertrude.—Dark pink, large compact truss	.15	1.50
Gigantea.—Light rose, spike large and compact .....	.15	1.50
Jacques.—Rose-pink, extra large truss....	.15	1.50
Koh-I-Noor.—Bright pink, extra large truss	.15	1.75
Lady Derby.—Bright rose-pink, large compact spike .....	.15	1.75
La Victoire.—Brilliant dark pink, large perfect spike .....	.15	1.75
Lord Macaulay.—Bright rosy carmine....	.15	1.50
Moreno.—Bright pink, very large truss....	.15	1.75
Queen of Pinks.—Brilliant clear bright pink, large compact spike.....	.15	1.75
Roi-des-Belges.—Bright scarlet, extra large spike15	1.50
Rosea Maxima.—Delicate rose, fine truss..	.15	1.50

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Select Named Dutch Hyacinths—Continued

SINGLE WHITE AND BLUSH

	<i>Each</i>	<i>Doz.</i>
Angenis Christina.—Pure white, extra fine.	\$0.15	\$1.50
Baroness Van Thuyll.—Pure white, fine truss .....	.15	1.50
British Queen.—Immense waxy bells.....	.15	1.50
Grandeur a'Merveille.—Blush white, large truss .....	.15	1.50
La Grandesse.—Pure white, immense bells and truss .....	.15	1.75
L'Innocence.—Pure white, extra large truss.	.15	1.75
Madame Van der Hoop.—Waxy white, fine spike .....	.15	1.50
Mimi.—Waxy white, beautiful truss.....	.15	1.50
Mr. Plimsoll.—Blush white, fine spike....	.15	1.50

SINGLE YELLOW

City of Haarlem.—Golden yellow, large well-formed truss .....	.15	1.75
Ida.—Canary yellow, large truss.....	.15	1.50
King of the Yellows.—Rich deep yellow...	.15	1.50

SINGLE BLUE AND PURPLE

Baron Van Thuyll.—Dark blue .....	.15	1.50
Czar Peter.—Light blue, grand spike.....	.15	1.75
Captain Boyton.—Sky-blue, immense truss	.15	1.50
Enchantress.—Clear light blue, splendid spike .....	.15	1.75
Grand Lilas.—Light porcelain blue, grand spike .....	.15	1.50
Grand Maitre.—Deep lavender blue.....	.15	1.50
King of the Blues.—Clear dark blue.....	.15	1.50
Lord Balfour.—Claret-purple edged reddish mauve .....	.15	1.50
Lord Derby.—Light porcelain blue, large spike .....	.15	1.50
Marie.—Dark blue, good spike.....	.15	1.50
Potgieter.—Pale blue, immense truss.....	.15	1.50
Queen of the Blues.—Beautiful sky-blue, extra fine .....	.15	1.75
Schotel.—Light blue, perfect truss.....	.15	1.50

DOUBLE PINK AND ROSE

Chestnut Blossom.—Light pink, extra large spike .....	.15	1.50
Grootvorst.—Blush pink, good truss.....	.15	1.50
Noble Par Merite.—Deep rose, fine truss..	.15	1.50
President Roosevelt.—Deep rose, large spike	.15	1.50

DOUBLE WHITE

Isabella.—Blush white, large spike.....	.15	1.50
La Grandesse.—The best double pure white	.15	1.50
Princess Metternich.—The best double blush white .....	.15	1.50

DOUBLE BLUE

Blocksberg.—Light blue, handsome truss..	.15	1.50
General Kohler.—Bright blue, one of the best .....	.15	1.50
Van Speyk.—Porcelain blue, fine truss....	.15	1.50



EARLY FRENCH ROMAN HYACINTHS

A charming class, and exceedingly popular and invaluable for winter flowering in the house, in pots or pans and are also extensively used for "forcing" for cut flowers.

	<i>Doz.</i>	<i>100</i>	<i>1000</i>
Pure White.—Mammoth bulbs.			
XXX	\$1.65	\$12.00	\$110.00
Pure White.—Extra selected			
bulbs, XXXX	1.75	13.00	120.00

ITALIAN HYACINTHS

The flowers are similar to those of the white Roman, but the spikes are larger and the Italian is later: excellent for succession.

	<i>Doz.</i>	<i>100</i>	<i>1000</i>
White.—Largest bulbs	\$1 00	\$7.25	\$55.00
Dark Blue.—Largest bulbs	1.00	7.25	65.00
Dark Rose.—Largest bulbs	1.00	7.25	65.00
Light Rose.—Largest bulbs	1.00	7.25	65.00

PAN HYACINTHS

(Miniature or Dutch Roman)

These are small, single-flowering Dutch Hyacinths and quite distinct from the French Romans. Excellent for growing in pots, pans or boxes, blooming early and freely. They may be planted close together in pots, pans or boxes, with charming effect.

Gertrude.—Dark pink.

Gigantea.—Light rose.

Roi-des-Belges.—Bright scarlet.

Moreno.—Bright pink.

Baroness Van Thuyll.—Pure white.

L'Innocence.—Pure white.

La Grandesse.—Pure white.

Madame Van der Hoop.—Waxy white.

Grand Lilas.—Light porcelain blue.

Grand Maitre.—Deep lavender blue.

King of the Blues.—Dark blue.

Queen of the Blues.—Sky-blue.

Price: 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

Waterer's Mixed Single Dutch Hyacinths

(In Separate Colors, for Bedding-out or Forcing)

These are an excellent grade of bulbs at a popular price, and are especially adapted for bedding and outdoor planting of all kinds; can also be used for growing in pots.

	<i>Doz.</i>	<i>100</i>	<i>1000</i>
Red and Scarlet	\$0.80	\$5.00	\$45.00
Rose and Pink .....	.80	5.00	45.00
Pure White .....	.80	5.00	45.00
Blush White .....	.80	5.00	45.00
Light Blue .....	.80	5.00	45.00
Dark Blue .....	.80	5.00	45.00
Yellow .....	.80	5.00	45.00
All Colors Mixed .....	.80	5.00	45.00

NAMED BEDDING HYACINTHS

Where special bedding is required of distinct colors, it is very essential that named varieties be used, and these are especially adapted for this work.

SINGLE RED AND ROSE

	<i>Doz.</i>	<i>100</i>
Gertrude.—Dark pink	\$1.00	\$7.25
Moreno.—Bright pink	1.00	7.25
Roi-des-Belges.—Bright scarlet	1.00	7.25
Rose a'Merveille.—Rosy pink	1.00	7.25

SINGLE WHITE

Grandeur a'Merveille.—Blush pink.....	1.00	7.25
British Queen.—Pure white	1.00	7.25
L'Innocence.—Pure white	1.00	7.25
Madame Van der Hoop.—Waxy white....	1.00	7.25

SINGLE BLUE

Grand Maitre.—Deep lavender blue	1.00	7.25
King of the Blues.—Dark blue	1.00	7.25
Queen of the Blues.—Sky-blue	1.00	7.25
Schotel.—Light blue	1.00	7.25

HYACINTH GLASSES

In two styles: Tye or low, Belgian or tall. Colors: Amber, Green, Blue and White: 30c. each; \$3.25 per doz.

AMARYLLIS

On receipt of the bulbs in the autumn they should be placed where they will be always slightly moist and warm—under the benches of a greenhouse, for example; do not pot up the bulbs before the flower-buds appear; when first potted give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress.

	<i>Each</i>	<i>Doz.</i>
Hippeastrum.—Newest hybrids. These hybrids are raised from seeds of the most famous strains in the world and should not be compared with the old-fashioned species	\$1.00	\$10.00



SINGLE EARLY TULIPS

The bulbs enumerated below are selected, largest flowering size of the best varieties for forcing and bedding.

	Doz.	100	1000
Albion (White Hawk). —One of the best white tulips	\$0.75	\$5.00	\$47.50
Artus. —Bright scarlet, dwarf, a splendid bedder .....	.50	3.00	27.50
Belle Alliance. —Brilliant scarlet, large flower, excellent for forcing and bedding .....	.65	4.25	40.00
Brilliant Star. —Brilliant vermilion scarlet, best scarlet for early forcing	1.00	6.75	65.00
Cardinal Rampolla. —Yellow and orange. A striking color .....	.80	5.50	50.00
Chrysolora. —Pure golden yellow, a good bedder .....	.60	3.75	35.00
Christmas Pink. —Best early pink for forcing .....	.70	4.50	42.50
Cottage Maid. —Lovely rose-pink shaded with white, excellent for forcing and for bedding .....	.60	4.00	37.50
Couleur Cardinal. —Brilliant crimson, splendid for forcing and for bedding .....	.75	5.00	47.50
Cramoise Brilliant. —Brilliant scarlet, splendid for forcing or bedding .....	.50	3.00	27.50
Cullinan. —Rosy pink, with white in the center of the petals; excellent for forcing	1.10	8.00	75.00
De Wet (Fireglow). —A very handsome golden flower, having a flush of fiery orange-scarlet. It is very distinctive and is a true orange color when forced	3.50	25.00	....
Dusart. —Brilliant vermilion, large flower, splendid bedder .....	.50	3.00	27.50
Flamingo. —Carmine-rose, white shaded, beautiful90	5.75	55.00
Gold Finch. —Pure yellow ..	.60	4.00	37.50

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Single Early Tulips—Continued

	<i>Doz.</i>	<i>100</i>	<i>1000</i>
Golden Queen. —Beautiful golden-yellow, early and large70	4.75	45.00
Ibis. —This tulip is a very beautiful large, deep brilliant pink, a superb variety for forcing and a good bedder	1.50	10.00	....
Joost Von Vondel. —Deep cherry red feathered white . . . . .	.55	3.50	32.50
Joost Von Vondel, White. —One of the largest and most beautiful pure white sort . . . . .	.70	4.75	45.00
Keizerkroon. —Crimson-scarlet, bordered with clear yellow, large and very beautiful (Mother bulbs) . . .	.60	3.75	35.00
King of the Yellows. —Deep golden yellow; fine for forcing . . . . .	.50	3.25	30.00
La Reine. —White, lightly shaded with rose, splendid for both bedding and forcing . . . . .	.45	2.75	25.00
Max Havelaar. —Blood orange, flushed salmon rose, when forced the color becomes a beautiful cherry red	1.00	7.00	....
McKinley. —Orange red, shaded carmine outside; very distinct; early forcer . . . . .	.65	4.25	40.00
Mon Tresor. —Rich golden yellow, large and perfect form . . . . .	.65	4.25	40.00
Ophir d'Or. —Golden yellow; large flower; grand bedder . . . . .	.65	4.25	40.00
Pelican. —Pure white, exquisite flower, very large . . . . .	.70	5.00	47.50
Pink Beauty. —A large and lovely tulip; glowing rose-pink, outer petals flushed with white . . . . .	.90	6.00	55.00
Prince of Austria. —Fine orange-red, sweet scented; one of the best forcers and a splendid bedder . . .	.55	3.50	32.50
Proserpine. —Brilliant carmine-rose, very large flower (Mother bulbs) .	.90	6.00	55.00
Queen of The Netherlands. —Beautiful, satiny pink flowers of large, globular form . . . . .	.65	4.25	40.00
Rising Sun. —Golden yellow, very large flower on a tall stem . . . . .	.90	6.00	55.00
Rose Grisedelin. —Delicate rose, flushed white, fine both for forcing and bedding . . . . .	.50	3.25	30.00
Rose Luisante. —Beautiful deep rose, large perfect flower, fine for forcing or bedding . . . . .	.80	5.25	50.00
Sir Thomas Lipton. —A grand flower of rich purplish red, shading off to glossy blood crimson at edges. .	.70	5.00	47.50
Vermilion Brilliant (True). —Brilliant vermilion-scarlet, the most popular one of its color, large flower, very early . . . . .	.80	5.75	55.00
White Beauty. —White, sport of Pink Beauty; large, pure white flower	1.10	8.00	75.00
Yellow Prince. —Bright yellow; sweet scented; excellent for forcing and bedding . . . . .	.50	3.25	30.00
Superfine Mixture. —Containing many varieties . . . . .	.40	2.50	22.50

HOSEA WATERER, PHILADELPHIA

DOUBLE TULIPS

	Doz.	100	1000
Azaleas. —The deepest pink tulip grown and excellent for forcing. Flower is a beautiful deep carmine pink	\$0.80	\$5.50	\$52.50
Crown of Gold. —Large flower, very double, rich golden-yellow, shaded orange .....	.70	4.50	42.50
Golden King. —Beautiful pure yellow .....	.85	6.50	62.50
Grisedelin Pale. —Violet and white, a very attractive tulip .....	.90	6.00	57.50
Imperator Rubrorum. —Brilliant scarlet, fine for forcing and one of the grandest for bedding.....	.80	5.00	47.50
Lucretia. —Beautiful pink .....	.55	3.50	32.50
Mr. Van Der Hoef. —Pure yellow, sport of Murillo .....	.85	6.25	60.00
Murillo. —Beautiful light pink ....	.45	3.00	27.50
Peach Blossom. —Is a bright rose, sport of Murillo, and much superior in size and perfection. A coming leader in its class	2.00	12.00	....
Salvator Rosa. —Deep rose flamed with white; very beautiful .....	.55	4.00	37.50
Schoonoord. —Snow-white sport of Murillo. One of the finest .....	.55	3.50	32.50
Tearose (Saffrano). —Soft pale yellow shaded apricot .....	.60	4.00	47.50
Toreador. —Reddish bronze and orange, very handsome	1.00	6.50	62.50
Tournesol Yellow. —Yellow shaded orange .....	.65	4.25	40.00
Tournesol. —Rich scarlet, edged yellow, very showy .....	.70	4.75	45.00
Superfine Mixture .....	.50	2.50	20.00

DARWIN TULIPS

The finest class of late-flowering Tulips in existence. Flowers are brilliant self-colored, borne on strong stems. They by far surpass in colors and brilliancy anything before known in Tulips. Darwin Tulips may be forced successfully if not brought in too soon.

	Doz.	100
Ariadne. —Brilliant rosy scarlet, blue base.	\$0.70	\$5.00
Baron de la Tonnaye. —Clear carmine rose, base white, tinged blue .....	.60	4.00
Bartigon. —A very showy variety, fiery crimson with a pure white center.....	.90	6.00
Calliope. —Fine soft rose, good for forcing	.80	5.25
Clara Butt. —Exquisite soft salmon-pink, flushed with apricot-rose. Good forcer.	.55	3.50
Dream. —Coloring rosy lilac and mauve, with claret purple interior .....	.65	4.25
Europe. —Glowing salmon-scarlet, with white center. Good bedder .....	.70	4.75
Farncombe Sanders. —Brilliant dark rosy red with clear white center. Good forcer.	.80	5.50
Glow. —Brilliant vermilion. blue center....	.80	5.50
Gretchen. —Soft salmon-pink .....	.65	3.75
Le Nôtre. —A beautiful pink tulip, with large, dull base, rayed blue and white, excellent for forcing	1.50	10.00
La Tristesse. —Deep slaty blue, white base, very fine outside .....	.70	4.75
La Tulipe Noire. —Very dark maroon, with a velvety sheen, the blackest of all the tulips, sturdy stem .....	.70	4.75
Mme. Krelage. —A grand flower of purplish rose, margined with blush pink70	4.75

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Darwin Tulips—Continued Doz. 100

Mrs. Potter Palmer.—Bright rosy-violet, very distinct	\$0.60	\$4.00
Nauticas.—Purplish rose with dark violet base. Good for forcing .....	.60	4.00
Nora Ware.—Silvery lilac .....	.60	4.00
Painted Lady.—Creamy white shaded lilac. ....	.55	3.50
Philippe de Communes.—Velvety dark purple .....	.65	4.25
Pride of Haarlem.—Immense deep rose, shaded scarlet, with blue center .....	.60	4.00
Prof. Rauwenhoff. — Deep cherry-rose, enormous flowers. A good forcer.....	.85	5.50
Psyche.—Rich rosy pink, good forcer.....	.60	4.00
Rev. H. Ewbank.—Silvery heliotrope .....	.60	3.75
Ronald Gunn.—Large clear blue-violet flower, with white center marked blue. Excellent flower, good forcer	1.00	7.00
Suzon.—Delicate rose with a blush-white margin. Good forcer .....	.65	4.25
The Sultan.—Black maroon .....	.55	3.50
White Queen.—A very large globular flower of pure white .....	.65	4.50
Wm. Copeland.—Lilac rose. Good forcer .....	.85	5.50
Wm. Pitt.—Brilliant carmine .....	.90	6.25
Mixed Darwins .....	.50	3.25

May-Flowering or Cottage Tulips

These lovely May-flowering Tulips are very effective for all kinds of decorative work.

	Doz.	100	1000
Bouton d'Or (Ida).—Pure deep yellow, large globe-shaped flowers..	\$0.80	\$5.00	\$45.00
Blue Flag (Double).—Enormous flower, fine purplish-blue, distinct	1.00	7.00	65.00
Carnation.—True English picotee. White changing to carmine rose..	.55	3.50	32.50
Dorris.—Soft rosy lilac, flushed silvery gray .....	.60	4.00	37.50
Ellen Willmott.—Soft creamy yellow	.60	3.75	35.00
Fairy Queen.—Large flower. Rosy heliotrope, margined with yellow.	.50	3.25	30.00
Grenadier.—Dazzling orange-red, yellow base, large flower on a tall strong stem	2.10	15.00	....
Gesneriana Lutea.—Immense golden yellow .....	.60	3.75	35.00
Gesneriana Major.—Very large flowers, brilliant scarlet, with blue-black center .....	.65	4.25	40.00
Golden Spire.—Enormous flower, deep golden yellow, edged with orange scarlet	1.15	7.50	70.00
Inglescombe Pink.—Beautiful long flowers of bright rose-pink.....	.60	4.00	35.00
Inglescombe Scarlet.—Brilliant scarlet with a black base .....	.60	4.00	35.00
Inglescombe Yellow.—A large globular flower, color rich yellow ...	.55	3.50	32.50
Isabella.—Creamy white and pink, changing to carmine rose.....	.55	3.50	32.50
John Ruskin.—Apricot, rose and mauve .....	.80	5.00	45.00
La Merveille.—Salmon-rose, shaded orange red; fragrant .....	.55	3.50	32.50
La Reve (Hobbeme).—Salmon-pink with lilac shade, beautiful	1.20	8.00	75.00
Moonlight.—Light soft yellow, enormous flower .....	.65	4.50	42.50
Mrs. Moon.—A magnificent and immense tulip of rich orange-yellow.	.80	5.00	47.50
Norham Beauty.—Dull lilac with golden bronze reflex, very distinct	.80	5.25	50.00
Orange Beauty.—Brilliant orange-red, enormous flower .....	.55	3.50	32.50

HOSEA WATERER, PHILADELPHIA

May-Flowering or Cottage Tulips—Continued

Picotée (Maiden's Blush).—White, penciled and margined with pink.	\$0.55	\$3.50	\$32.50
Royal White.—White, yellow center, very fine .....	.80	5.50	50.00
The Fawn.—A unique shade of fawn tinged with silvery dove gray....	.55	3.75	35.00
Extra Fine Mixed.—All colors ....	.50	3.00	27.50

BREEDER TULIPS

These tulips are of enormous size and vigorous growth and are very valuable for the garden and table decoration, producing by their refined colors a most artistic effect. Flower same time as Darwin tulips.

Doz. 100

Bacchus.—Deep plum-purple, with darker coloring on outer petals. Excellent flower	\$2.75	\$20.00
Bronze Queen.—Buff, tinged apricot and bronze .....	.80	5.00
Cardinal Manning.—Dull wine-red, flushed rosy bronze .....	.80	5.00
Chestnut.—Very dark brown, almost black.	.80	5.00
Don Pedro.—Coffee-brown, with garnet glow, inside reddish mahogany, a beautiful large, fragrant flower	1.50	10.00
Godet Parfait.—Bright violet with white base	1.25	8.00
La Singulière.—Silvery white, edged and suffused with lilac-rose .....	.80	5.00
Louis XIV.—A royal flower, purple flushed golden bronze, enormous flower.....	3.25	25.00
Medea.—Salmon carmine, very beautiful..	.60	4.00
Panorama.—Deep orange, shaded mahogany, very large globular flower, good for late forcing and bedding	1.25	8.25
Prince of Orange.—Orange-scarlet, edged light red .....	.80	5.00
Velvet King (Dreadnaught).—A robust variety, remaining in bloom a long time. Dark purple-maroon flower. having a yellow base with blue markings. Long stem	1.50	10.00

REMBRANDT TULIPS

These late or May-flowering garden tulips are in reality Darwin tulips which have "broken" into permanent variegations—flowers of various rich colors are striped, blotched and marked with different shades and colors.

Choice Mixed Varieties,

55c. per doz.; \$3.00 per 100; \$27.50 per 1000.

PARROT TULIPS

A very attractive species of late-flowering tulips, producing enormous flowers of most brilliant colors; interesting form; petals curiously cut or fringed.

Doz. 100

Admiral of Constantinople.—Dark red, shaded and tipped orange	\$0.60	\$4.00
Cramoisi Brilliant.—Brilliant crimson ....	.60	4.00
Lutea Major.—Yellow, striped crimson and green .....	.60	4.00
Markgraaf.—Golden inside, feathered brilliant scarlet purple and green outside..	.60	4.00
Perfecta.—Yellow, scarlet, and green.....	.60	4.00
Finest Mixed.—All colors .....	.50	3.25

ROSE BYBLÆMEN TULIPS

Magnificent late May-flowering garden tulips, producing immense, perfectly formed flowers on tall stems; coloring, white ground with beautiful stripes and markings of crimson, pink, scarlet, and rose.

Choice Mixed Rose Byblæmens,

60c. per doz.; \$4.00 per 100; \$37.50 per 1000.

VIOLET BYBLÆMEN TULIPS

Large, late May-flowering garden tulips, blotched, striped, or feathered with blue, lilac, violet, purple, or black on white ground.

Choice Mixed Violet Byblæmens,

60c. per doz.; \$4.00 per 100; \$37.50 per 1000.



POLYANTHUS NARCISSUS
"PAPER WHITE GRANDIFLORA"

POLYANTHUS NARCISSUS

Invaluable for forcing. Flowers exceedingly fragrant.

	Doz.	100	1000
Early Large-flowering Paper White. —The earliest, largest and most vigorous form of the Paper White; the best of all for very early forcing; pure white. Mammoth Bulbs	\$0.85	\$6.00	\$57.50
Extra Large Bulbs .....	.75	5.00	47.50
Gloriosa. —Pure white, with orange cup; large truss .....	.80	5.50	50.00
Grand Monarque. —Pure white, with lemon cup, large flower and truss. ....	.80	5.50	50.00
Grand Soleil d'Or. —Yellow, with orange cup; very free blooming..	1.75	12.00	115.00
Lord Canning. —Clusters of large, golden-yellow flowers with orange cups, extra fine .....	.80	5.50	50.00
Mont Cenis. —Pure white, yellow cup; one of the finest forcing sorts .....	.80	5.50	50.00
White Pearl. —Large, pure satiny white, beautiful .....	.80	5.50	50.00

HOSEA WATERER, PHILADELPHIA

CHINESE SACRED NARCISSUS

(Joss Flower or Oriental New Year's Lily)

Can be grown in pots, but are raised more in bowls filled with pebbles and water. Flowers white with yellow cup.

Mammoth Bulbs,

Each, 25c.; doz., \$2.50; basket, 30 bulbs, \$5.25

LARGE TRUMPET NARCISSUS

This type is without doubt the showiest and also the most useful, growing easily either indoors or in the open ground.

	Doz.	100	1000
Emperor. —Flowers of great size and substance, primrose petals, yellow trumpet	\$0.75	\$5.00	\$45.00
Emperor. —Mammoth Bulbs	1.00	7.00	67.50
Empress. —Pure white perianth, with yellow trumpet, extra large superb flower .....	.75	5.00	45.00
Empress. —Mammoth Bulbs	1.00	7.00	67.50
Glory of Leiden. —Immense trumpet and perianth; rich yellow; extra fine .....	.85	5.75	55.00
Golden Spur. —This is one of the grandest of daffodils; extra large, bold, rich yellow flowers.			
Mammoth Bulbs .....	.75	5.00	45.00
Jumbo Bulbs	1.00	7.00	67.50
Henry Irving. —A perfect flower of immense size, rich golden yellow..	.75	5.00	47.50
King Alfred (Mammoth). —One of the largest and finest pure yellow daffodils	2.00	15.00	....
Mme. de Graaff. —One of the largest and finest of white trumpet daffodils .....	.80	5.75	....
Olympia. —Immense large flower, yellow trumpet, perianth pale yellow	2.00	15.00	....
Princes. —Sulphur-yellow perianth and deep-yellow trumpet; valuable for forcing or outdoor culture	.60	4.00	37.50
Silver Spur. —Creamy white perianth; golden yellow trumpet; recurved; early	1.25	8.50	82.50
Spring Glory. —Beautiful yellow and white; the earliest bicolor	2.00	15.00	....
Trumpet Major (French Grown). —Golden-yellow petals and trumpet, very free bloomer. Mammoth Bulbs .....	.85	5.50	50.00
Van Waveren's Giant. —The largest of all narcissi. Primrose perianths, with bright yellow trumpet	2.50	16.00	....
Victoria. —Creamy white perianth, rich yellow trumpet, free bloomer, splendid forcer .....	.75	5.00	45.00
Victoria. —Mammoth Bulbs	1.00	7.00	67.50

JONQUILS

Much prized for their deliciously scented golden flowers, perfectly hardy, and flowering very early in the spring; they are also admirably adapted for winter flowering in pots and for forcing.

	Doz.	100	1000
Campernelle Rugulosus. —Yellow ...	\$0.55	\$3.50	\$32.50
Single Sweet-scented. —Deep yellow.	.50	3.00	27.50
Double Sweet-scented. —Golden yellow	.55	3.50	32.50

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MEDIUM TRUMPET NARCISSUS

This class includes many of the most beautiful and useful daffodils.

	Doz.	100	1000
Barri Conspicuus. —Broad primrose petals and elegantly expanded crown, heavily stained orange-scarlet, extra fine	\$0.60	\$4.00	\$37.50
C. J. Backhouse. —Perianth yellow, long rich orange-scarlet cup, extra fine .....	.75	5.00	47.50
Cynosure. —Primrose perianth, changing to white, orange cup...	.65	4.25	40.00
Mrs. Langtry. —Broad white petals, large white cup, edged yellow....	.50	3.50	32.50
Sir Watkin. —"Big Welshman." Perianth sulphur-yellow, cup orange .....	.60	5.00	45.00
Sir Watkin. —Mammoth Bulbs	1.00	7.00	67.50
Stella. —Pure white perianth, with bright yellow crown; easily forced	.50	3.50	32.50

NARCISSUS POETAZ

A cross between Poeticus Ornatus and Polyanthus varieties, without their strong smell. Perfectly hardy.

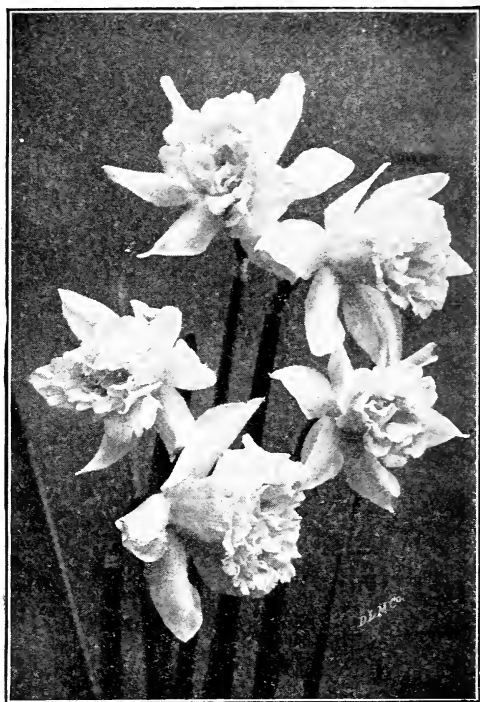
	Doz.	100	1000
Aspasia. —Pure white with yellow eye; 4 to 5 flowers on a stem....	\$0.90	\$6.00	\$55.00
Elvira. —Pure white with yellow eye; 3 to 4 flowers on a stem....	.90	6.00	55.00
Irene. —Pale yellow, with orange eye; 8 to 9 flowers on a stem....	.90	6.00	55.00
Klondyke. —Perianth yellow, with deep golden-yellow eye; 6 to 7 flowers on a stem	1.00	7.00	67.50
Profusion. —White perianth, small yellow cup; 5 to 6 flowers .....	.90	6.00	55.00

THE POET'S NARCISSUS

(Narcissus Poeticus)

These are among the most beautiful of the Narcissus family. The flowers, which measure 2 to 2½ inches across, are pure white, with beautiful yellow cup and distinct rim of scarlet, of exquisite fragrance and borne on long stems, making splendid cut-flowers. Especially adapted for planting in the garden, woods, or among shrubbery.

	Doz.	100	1000
Poeticus. —The original late-flowering Pheasant's Eye variety so popular for gardens and naturalizing; pure white flowers with orange cup, edged with red	\$0.50	\$3.50	\$32.50
Poeticus Ornatus. —Grand flower for cutting. Larger and more symmetrical than the old variety and considerably earlier. Pure white flowers; saffron cup, tinged rosy scarlet. Mammoth bulbs .....	.65	4.00	35.00
Poeticus King Edward VII. —A magnificent, large-flowering, early variety, with broad, round, white flower of great substance, and yellow cup, edged deep red.....	.90	6.00	55.00
Poeticus Poetarum. —Large bold flowers; perianth pure white with entire crown crimson .....	.65	4.00	35.00



DOUBLE NARCISSUS VON SION

DOUBLE NARCISSUS

(Daffodils)

	Doz.	100	1000
Alba Plena Odorata (The Double White Poet's Narcissus).—Double, snow-white, gardenia-like flowers.	\$0.50	\$3.50	\$32.50
Incomparable, fl. pl. (Butter and Eggs).—Full-double flowers of rich yellow, with orange center. Splendid variety for either forcing or for open-ground planting..	.65	4.50	40.00
Orange Phoenix (Eggs and Bacon).—Beautiful double white flowers, with orange center. Splendid for pot culture and cutting and for garden decoration .....	.80	5.50	50.00
Sulphur (or Silver) Phoenix (Cod-lins and Cream).—Large, creamy white flowers, sulphur center ...	.80	5.50	50.00
Von Sion (The "Old-fashioned Double Daffodils").—Flowers deep golden yellow, excellent for cutting, and most extensively used by florists for cut flowers. Hardy.			
Jumbo Bulbs	\$1.00	\$6.50	\$62.50
Mammoth Bulbs .....	.85	5.50	52.50
Selected Bulbs .....	.65	4.50	42.50

NOTICE

Owing to the unsettled prices on Lily Bulbs, our prices are subject to change. Customers may rest assured their orders will be filled as near catalogue prices as conditions will permit.

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LILIUM HARRISII

(The True Bermuda Easter Lily)

"Special Selected Stock"

	<i>Each</i>	<i>Doz.</i>	<i>100</i>
Mammoth Bulbs	\$0.50	\$5.00	\$35.00
Monster Bulbs	1.00	11.00	75.00

AZORE-GROWN LILIES

Longiflorum.—These are much superior to the Japanese grown.

Mammoth Bulbs	\$0.70	\$6.50	\$45.00
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JAPAN-GROWN LILIES

Longiflorum Formosum.—A new early-flowering Easter lily; good forcer; free from disease.

	<i>Each</i>	<i>Doz.</i>	<i>100</i>
Selected Bulbs	\$0.45	\$4.50	\$29.50
Mammoth Bulbs .....	.55	6.00	37.50
Jumbo Bulbs .....	.75	7.50	50.00
Monster Bulbs	1.00	11.00	75.00

Longiflorum Giganteum.—The dark-stemmed Easter lily. Excellent plant and a good Easter variety.

Mammoth Bulbs	\$0.75	\$7.50	\$50.00
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RETARDED LILIES FROM COLD STORAGE

L. Longiflorum Giganteum.—Selected Bulbs, Mammoth Bulbs.

L. Speciosum Rubrum.—Price on Application.

LILIUM CANDIDUM

(Madonna, or Annunciation Lily)

This is one of the loveliest and best known lilies. The flowers are snow white, and of the most delightful fragrance. It is hardy, and will thrive in any ordinary garden soil. Blooms in the open ground in June.

	<i>Each</i>	<i>Doz.</i>	<i>100</i>
Extra Large Bulbs	\$0.35	\$3.00	\$20.00
Mammoth Bulbs .....	.45	4.00	25.00

HARDY LILIES

Auratum (The Golden-rayed Lily of Japan).—The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across; are produced abundantly from June to October, and possess a most delicious fragrance. 3 to 5 feet.

	<i>Each</i>	<i>Doz.</i>	<i>100</i>
Mammoth Bulbs	\$0.55	\$5.25	\$37.50
Monster Bulbs .....	.60	6.00	45.00

Speciosum Album.—Large white flowers; a grand variety.

Mammoth Bulbs .....	.50	5.75	40.00
Monster Bulbs .....	.60	7.00	50.00

Speciosum Rubrum.—White ground, spotted rose on each petal; very handsome.

Mammoth Bulbs .....	.45	4.75	35.00
Monster Bulbs .....	.50	5.75	40.00

Speciosum Magnificum.—White, heavily spotted and shaded with rich crimson.

Mammoth Bulbs .....	.45	4.75	35.00
Monster Bulbs .....	.50	5.75	40.00

Speciosum Melpomene.—White suffused with darkest crimson.

Mammoth Bulbs .....	.45	4.75	35.00
Monster Bulbs .....	.50	5.75	40.00

Canadense (Canadian Bell-flower Lily).—One of our most beautiful native lilies; flowers bright yellow with black spots.....

	.20	2.00	15.00
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Elegans Leonard Joery.—Light orange red

	.20	2.00	15.00
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Elegans Robusta.—Orange-salmon, spotted with brown

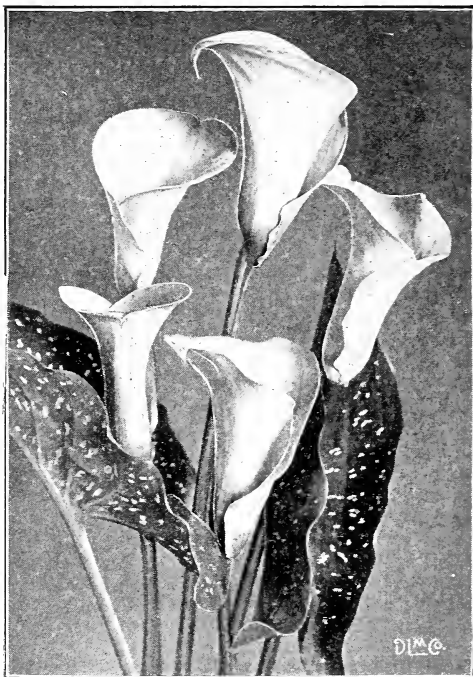
	.20	2.00	15.00
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Hansoni.—Grows from 3 to 4 feet.

Flowers reddish orange, eight to twelve in a cluster75	7.50	50.00
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Hardy Lilies—Continued

	<i>Each</i>	<i>Doz.</i>	<i>100</i>
Henryi (The Yellow Speciosum).— A new and very beautiful hardy lily from northern China. The plants are of vigorous growth, of a rich apricot yellow, spotted with brown	\$0.75	\$7.50	\$50.00
Myriophyllum (Regale).—The most wonderful lily of recent introduc- tion. Perfectly hardy and a splendid grower	1.00	10.00	75.00
Superbum (Turk's Cap Lily).— Rich orange, petals tipped red and dark spotted. 3 to 4 feet; blooms in July and August .....	.25	2.50	15.00
Tenuifolium (Coral Lily).—A very graceful miniature lily with fiery scarlet flowers; 1½ feet; July...	.20	2.00	15.00
Tigrinum Splendens (Improved Tiger Lily).—The grandest of the Tigers; black polished stem. Very large pyramids of flowers, orange-red, spotted with black; 3 to 5 feet.....	.35	3.50	20.00
Tigrinum Flora Plena (Double Tiger Lily).—Grows from 4 to 6 feet high, bearing an immense number of double bright orange-red flow- ers spotted with black .....	.30	3.00	20.00
Umbellatum .—Flowers are borne in large clusters and range in all shades from orange to deep scar- let. Blooms in June .....	.25	2.50	15.00



GOLDEN YELLOW CALLA LILIES

CALLA LILIES

	<i>Each</i>	<i>Doz.</i>
Golden Yellow (Elliottiana).—Rich golden- yellow flowers; foliage dark green with white spots. Flowers in early spring and summer	\$0.45	\$3.75

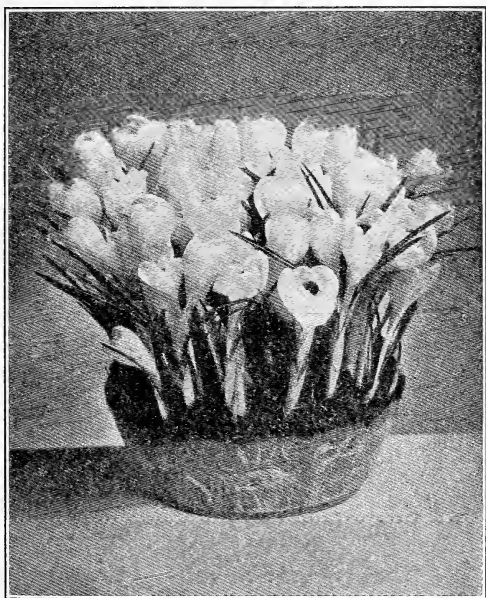
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Calla Lilies—Continued

White Calla (Richardia Æthiopica)

The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming keep them dormant from the middle of June until the last of August; repot in good, rich soil, using 6- to 8-inch pot, give water, light and heat in abundance, and the result will be most satisfactory.

	<i>Each</i>	<i>Doz.</i>	<i>100</i>
Extra Selected Roots	\$0.25	\$2.50	\$18.00
Mammoth Roots .....	.35	3.50	25.00
The Godfrey. —Large roots. An improvement on the ordinary white calla, flowers smaller, more numerous and purer white			
	.30	3.00	20.00



CROCUS

Mammoth-Flowering Named Varieties

These are large, selected bulbs of the best varieties and are noted for the immense size and quantity of their flowers and richness of color. The small, cheap bulbs we do not handle, as they fail to give satisfaction.

TOP ROOTS

	<i>Doz.</i>	<i>100</i>	<i>1000</i>
Baron von Brunow.—Blue	\$0.25	\$1.40	\$12.00
Mont Blanc.—White .....	.25	1.40	12.00
Sir Walter Scott.—Striped .....	.25	1.40	12.00
Golden Yellow .....	.25	1.40	12.00
Purpurea Grandiflora.—Large purple .....	.25	1.40	12.00
King of the Whites.—Large White..	.25	1.40	12.00
Golden Yellow.—Jumbo bulbs .....	.30	2.00	17.50
Albion.—Striped .....	.25	1.40	12.00

OXALIS

Lovely little bulbous plants for hanging pots and baskets.

Buttercup.—Large, rich yellow flowers.

50c. doz.; \$3.00 per 100.



FREESIA,
"WATERER'S
PURITY"

FREESIA

One of the most beautiful and popular flowers for house or conservatory. Very valuable for cutting, being peculiarly graceful and possessed of a sweet, delicate perfume. They force easily, and may be had in bloom from Christmas, and continue in succession until June.

	<i>Doz.</i>	<i>100</i>	<i>1000</i>
Fischerii (Fischer's).—This is without doubt, the largest, finest, and purest white Freesia in existence.	\$1.25	\$8.00	\$75.00
Waterer's Purity. —Mammoth Bulbs	.60	4.00	35.00
Waterer's Purity. —Jumbo Bulbs ..	.90	6.00	55.00
Rainbow Mixture Colored Freesia. — The flowers are large, on long stiff stems; the coloring and shading are very pleasing .....	.90	6.00	....

LILY OF THE VALLEY

Waterer's "XXX Perfection Brand"

The earliest, largest and best for forcing. Strong pips, with extra long roots.

Extra Selected 3-year Perfection Pips.—For early forcing. Price on application.

NOTICE

On account of the unsettled conditions prevailing, all prices on Bulbs are subject to change without notice.

Plants

BEGONIAS

Mrs. J. A. Peterson.—A decided and striking novelty, of the Lorraine type, but has red foliage. It is a clean, easy grower and produces brilliant deep pink flower in profusion. 4-inch pots, \$15.00 per doz.

Glory of Cincinnati.—A new Begonia with large, heavy foliage. Flowers in abundance. An excellent Christmas plant. Strong healthy plants, 4-inch pots, \$15.00 per doz.

Gloire de Lorraine.—Strong, healthy plants, 4-inch pots, \$15.00 per doz.

CARNATIONS

Strong plants, clean and free from disease, specially grown for winter flowering.

Beacon.—The best scarlet variety.

Crystal White.—Purest white, very productive.

Enchantress Supreme.—Light pink.

Matchless.—An excellent white.

Mrs. C. W. Ward.—Splendid shade of rose-pink.

White Enchantress.—Pure white.

White Wonder.—A fine pure white.

Strong field-grown clumps. Price on application.

CYCLAMEN

One of the finest house plants, continuing in flower for a long time.

	<i>Doz.</i>	<i>100</i>
2½-in. pots	\$4.00	\$25.00
4-in. pots	9.00	65.00

FERNS

Elegantissima Compacta.

Harrisii.

Norwood.

Scottii.

Teddy Junior.

Price.—Any of the above, 6-inch pots, \$15.00 per doz.

GARDENIA

Beautiful greenhouse plants, with fragrant, pure white wax flowers; 4-inch pots, \$15.00 per doz.

DOUBLE VIOLETS

Marie Louise.—The finest double blue. \$2.00 per doz.; \$15.00 per 100.

SINGLE VIOLETS

Princess of Wales.—This is the finest rich blue, single variety, and has now superseded such sorts as California, La France, etc. \$2.00 per doz.; \$15.00 per 100.

IMPORTANT NOTICE

Owing to the very great increase in price of all materials used in packing of plants, we find it necessary to make a small charge for same.

Flower Seeds for Summer and Fall Sowing

(For a more complete list of Flower Seeds, see Spring Catalogue)

ACHILLEA

	<i>Pkt.</i>	<i>Large Pkt.</i>
Ptarmica, "The Pearl" (Double White Yarrow).—One of the best hardy perennials; bears a profusion of small, double, white flowers during the entire season. Fine for cutting. Height, 2½ feet.....	\$0.25	....

AGROSTEMMA

Coronaria (Rose of Heaven, Mullein Pink).—Hardy perennial; glowing crimson flowers; blooms the first season; fine for cutting; 2 feet .....	.05	.20
Coronaria Alba.—A pure white variety...	.05	.20

ALYSSUM

		<i>¼ oz.</i>
Saxatile Compactum.—Showy, golden-yellow flowers; hardy perennial, blooms the first season; excellent for rock work; 1 ft. ....	.10	.40

ANCHUSA

		<i>Large Pkt.</i>
Italica "Dropmore."—One of the best blue perennials; grows 5 to 6 feet high and produces its pretty blue flowers throughout the entire summer .....	.15	.50

ANEMONE (Windflower)

Coronaria.—Mixed colors .....	.10	.30
St. Brigid.—A beautiful selection, comprising semi-double and double flowers.....	.15	.40

ANTIRRHINUM (Snapdragon)

Tall, large-flowered varieties; valuable for cutting; grows about three feet in height.

	<i>Pkt.</i>	<i>Large Pkt.</i>
Giant Garnet	\$0.10	\$0.25
Giant Pink .....	.10	.25
Giant Rose .....	.10	.25
Giant Scarlet .....	.10	.25
Giant White .....	.10	.25
Giant Yellow .....	.10	.25
Giant Mixed .....	.10	.25
Feltham Beauty.—Deep rose-pink, white center; very large flower .....	.25	....
Pink Beauty.—Deep rose-pink self, enormous blossoms .....	.25	....
Silver Pink.—Original packet, \$1.00.		

Large-flowering Half-Dwarf Varieties

These half-dwarfed varieties of snapdragon grow about 20 inches in height and produce spikes of flowers of the largest size.

	<i>Pkt.</i>	<i>Large Pkt.</i>
Daphne.—Soft blush pink	\$0.10	\$0.25
Defiance.—Orange red .....	.10	.25
Crimson King.—Brilliant crimson .....	.10	.25
Golden Queen.—Rich yellow .....	.10	.25
Mont Blanc.—Pure white .....	.10	.25
Rose Queen.—Rich rose10	.25
Half-Dwarfed Mixed.—All colors10	.25
Nelrose.—Glowing pink25

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AQUILEGIA (Columbine)

Hardy perennial of great beauty. The long spurred type gives elegant cut flowers. If sown in summer, plants will be ready by autumn for transplanting to the border to flower next May and June.

	<i>Pkt.</i>	<i>Large Pkt.</i>
Long Spurred Hybrids. —Our Hybrids comprise the best and brightest colors. The strain includes shades of blue, mauve, lavender, pink, scarlet, orange, yellow and white, of the large-flowered and long spurred forms	\$0.10	\$0.40
Cœrulea. —One of the finest varieties, pale blue and white flowers; 2 ft. ....	.10	.40
Chrysantha. —Golden yellow; 2 ft. ....	.10	.40
Chrysantha Alba. —White .....	.10	.40
Gladulosa Vera. —Large, erect blue flowers; pure white corolla; 2 ft. ....	.25	....
Californica Hybrida. —Large yellow flowers; dark orange spurs .....	.10	.30
Single Mixed .....	.05	.20
Double Mixed .....	.05	.20

ARABIS (Rock Cress)

$\frac{1}{4}$ oz.

Alpina. —Early flowering, hardy perennial, with erect spikes of pure white flowers; 6 in.10	.25
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ASPARAGUS

Pkt. 100 seeds

Plumosus Nanus. —Foliage finer than that of the most delicate fern; an excellent house plant	\$0.25	\$1.00
Sprengeri. —One of the best plants to grow in suspended baskets for greenhouses... ..	.10	.50

HARDY PERENNIAL ASTERS

(Michaelmas Daisies)

Single flowering, hardy herbaceous plants, thriving in any good garden soil.

	<i>Pkt.</i>	<i>Large Pkt.</i>
Large Flowered Mixed	\$0.10	\$0.30

BELLIS (English Daisy)

The Bride. —A fine, very double, free-flowing, pure white .....	.10	.40
Longfellow. —Large, double pink flowers.. ..	.10	.40
Snowball. —Large and very double pure white .....	.10	.40
Giant Red. —Beautiful and densely double flowers .....	.25	.75
Giant Rose. —Bright rose .....	.25	.75
Giant White. —Pure white .....	.25	.75
Double Mixed. —Selected strain of the finest quality .....	.10	.40

BROWALLIA

Speciosa Major. —A beautiful flowering variety of brilliant ultramarine blue; does finely outside in the border or in hanging baskets or in vases25
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HOSEA WATERER, PHILADELPHIA

CALCEOLARIA

A tender perennial used largely for the decoration of the greenhouse and conservatory.

	Pkt.
Covent Garden Strain.—Extra choice, strongly recommended both for habit, also size and markings of flowers	\$0.50
Profusa Clibrani.—Flowers light and graceful in habit, and the sprays of rich golden-yellow are very lasting .....	.50
Rugosa, Mixed (Shrubby).—Small flowering varieties, for bedding, of the finest colors; 15 in.....	.50

CALENDULA (Pot Marigold)

Valuable for pot culture, blooming in the winter and early spring. One foot high.

	Pkt.	Large Pkt.	Oz.
Lemon King.—Lemon-yellow	\$0.10	\$0.20	\$0.35
Meteor.—Yellow-striped orange ....	.10	.20	.35
Orange King.—Dark orange-red ...	.10	.20	.35
Pure Gold.—Golden yellow .....	.10	.20	.35
Mixed .....	.05	.15	.25

CAMPANULA

Bell-shaped flowers, well known and easily grown; useful for flower border, shrubbery or wild garden.

	Pkt.
Carpatica (Carpathian Harebell).—Free-flowering, blue, continuing in bloom the whole season; 6 in..	\$0.10
Carpatica Alba.—White-flowers .....	.10
Persicifolia Grandiflora (Peach Bells).—One of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers.....	.15
Persicifolia Alba.—White-flowered Peach Bell.....	.15
Pyramidalis (The Chimney Bellflower).—A beautiful, stately plant; for garden or pot culture; blue flowers .....	.10
Pyramidalis Alba.—White flowers .....	.10

CANTERBURY BELLS

Hardy biennials. Sow in summer, transplant to a bed in autumn for flowering the following year. They also make effective pot plants for spring flowering, sown in summer and potted in autumn, and kept in a cool frame through winter.

	Pkt.	Large Pkt.
Calycanthemum (Cup and Saucer Canterbury Bells):		
Rose.—Delicate rose-pink	\$0.10	\$0.40
Blue.—A fine, clear shade .....	.10	.40
White.—Pure white .....	.10	.40
Mixed.—Cup and Saucer type .....	.10	.40
Single Varieties—Rose .....	.10	.30
White .....	.10	.30
Blue .....	.10	.30
Superb Mixed.—A fine assortment of both single and doubles .....	.10	.30

HARDY CANDYTUFT (Iberis)

	Pkt.
Iberis Sempervirens.—A profuse white blooming hardy perennial, coming in flower early in the spring; much used for rockeries, etc. ....	.15
Iberis Gibraltarica.—Lilac, shading white flowers, very fine .....	.15

CARNATION

Chabaud's Everblooming.—Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely; mixed colors.....	.25
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CERASTIUM (Snow in Summer)

Tomentosum.—Hardy, perennial, valuable for edgings and rockeries; silvery foliage, flowers white.	.15
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PERENNIAL CHRYSANTHEMUM

Shasta Daisy.—A perennial variety with large white flowers on long stalks. When sown very early under protection, the flowers often appear before summer is over. Pkt. 15c.

King Edward VII.—Single. A splendid large-flowered variety. The flowers are pure white, and borne on long stiff stalks well above the foliage. Pkt. 15c.

CINERARIA

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest strains, from a prize European collection, containing only the best colors.

Prize Exhibition Strain. Improved habit, extra fine colors, with plenty of selfs and various shades of rose. Pkt. 50c.

Matchless. Very fine strain, contains many new colors, vigorous and compact growth, flowers large and petals very solid Pkt. 75c.

Matador. Fine glowing scarlet Pkt. 50c.

Hybrida Grandiflora Stella. Twisted or fluted petals like a single cactus dahlia, 3 to 4 inches in diameter. Very rich colors Pkt. 50c.

Stellata Feltham Beauty. A great improvement on the old variety, beautiful mixture of many colors. Pkt. 50c.

COREOPSIS

Grandiflora.—Yields a profuse and long-continued succession of large, golden-yellow flowers during the whole of the summer months. Hardy perennial. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.

CYCLAMEN

Giganteum, or Grandiflorum.—The very choicest strain of this beautiful flower obtainable. Flowers of the largest size and most brilliant colors.

	Pkt. 100 seeds	
Blood Red	\$0.50	\$2.50
Bright Rose .....	.50	2.50
Butterfly, Papilio or Victoria Cyclamen. —		
Very large flowers with fringed and fluted petals		
“Cherry Ripe.”—The brightest cyclamen in cultivation .....	.50	....
“Mrs. Buckston.”—A real salmon shade of color, a lovely tint, somewhat more delicate than found in “Salmon King”. .....	.75	....
“Pink Pearl.”—A lovely pale salmon; foliage hard and prettily tessellated....	.75	....
Salmon King.—Salmon-pink. Very fine...	.50	2.50
Vulcan.—Deepest red .....	.50	2.50
White, with Dark Eye .....	.50	2.50
White Swan, Pure White .....	.50	2.50
Finest Mixed .....	.40	2.00

DIANTHUS (Hardy Garden Pinks)

These form low, bushy, tufted plants, above which are produced on long stems the beautiful fringed and fragrant flowers so valued in “old-fashioned” gardens. For permanent beds and borders these pinks are unrivaled.

	Pkt.
Plumarius, Single Mixed (Pheasant's Eye Pink). —	
Large, single, fringed flowers, beautifully marked in many colors	\$0.10
Plumarius, fl. pl. (Double Hardy Garden Pinks). —	
Double and semi-double varieties in beautiful colors .....	.15
Semperflorens (Everblooming Hardy Garden Pinks).	
—Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color .....	.25

HOSEA WATERER, PHILADELPHIA

DELPHINIUM (Perennial Larkspur)

One of the most showy and useful hardy perennial plants, producing splendid spikes of flowers in profusion throughout the summer.

Large-Flowered Hybrids. Mixed, choicest, all shades of blue from best-named varieties only.

Pkt. 15c.; $\frac{1}{4}$ oz. 50c.

Belladonna. Clear turquoise bluePkt. 25c.

Belladonna "Cliveden Beauty." A great improvement on original varietyPkt. 40c.

Cardinale. Bright scarlet, with yellow center.Pkt. 25c.

Chinense. A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian bluePkt. 10c.

Chinense Album. The white-flowered form of the precedingPkt. 10c.

Formosum. Splendid dark-blue flowers with a white centerPkt. 10c.

Elatum hybridum fl. pl. Double varieties; finest mixedPkt. 15c.

DIGITALIS (Foxglove)

Showy, hardy perennials of easy culture. As a background in a shrubbery, or as specimen plants in large beds, they are equally striking and effective. Sow in July for strong flowering plants the following season.

Pkt.

Spotted Varieties.—A superb mixture, containing a wonderful range of colors\$0.10

Monstrosa.—Long spikes, surmounted by one enormous flower, all colors mixed10

Gloxiniæflora Mixed.—Large, spotted, gloxinia-like flowers, produced on long spikes; $3\frac{1}{2}$ to 5 feet.. .10

GAILLARDIA (Perennial Varieties)

Showy and handsome hardy perennials for beds and borders. The flowers are a most peculiar combination of shades, varying between gold and maroon.

Pkt.

Grandiflora.—Flowers maroon and orange, 3 to 4 inches across; 2 ft.\$0.10

Grandiflora Compacta.—Compact variety, as rich and varied as the tall-growing sort15

GEUM

Atrosanguineum, fl. pl.—Large double scarlet flowers, valuable for cutting; hardy perennial; 2 ft.. .10

GREVILLEA ROBUSTA

A beautiful and graceful decorative plant, with fern-like foliage10

GYPSOPHILA (Baby's Breath)

Graceful panicles of wavy blossoms; for bouquets, table decoration, vases, etc.

Paniculata.—White flowers, hardy perennial; $2\frac{1}{2}$ ft. Pkt. 5c.; $\frac{1}{4}$ oz. 25c.

Paniculata, fl. pl.—Double White; 4 ft. Pkt. 25c.

HELIANTHUS (Sunflower)

Perennial.—A mixture of the finest single-flowering hardy perennial sorts. For cutting they are extremely valuable. Pkt. 15c.

HEUCHERA SANGUINEA

Splendid dwarf hardy perennial, producing erect spikes of vivid crimson flowers; height, 1 ft. Pkt. 25c.

AUTUMN CATALOGUE, 1922

HOLLYHOCK

A hardy perennial of upright, stately growth, 5 to 8 feet high. The very double varieties are the most desirable, but the newer, semi-double fringed types are also very popular. Hollyhocks make a fine row in a garden, or a fine background next to a building or high wall or fence.

	<i>Pkt.</i>	<i>Large Pkt.</i>
Chater's Finest Mixed. From a splendid collection of double varieties.....	\$0.10	\$0.25
Chater's Double White .....	.10	.25
Chater's Double Scarlet .....	.10	.25
Chater's Double Yellow .....	.10	.25
Chater's Double Bright Rose .....	.10	.25
Chater's Double Salmon-Rose .....	.10	.25
Chater's Double Maroon .....	.10	.25
Double Pink Queen. Very pretty salmon-pink; full double flowers .....	.25	....
Mammoth Fringed, "Allegheny." Petals beautifully laced and fringed, very robust habit and enormous flowers measuring 5 inches across, splendid rich colors, choicest mixed .....	.10	.25
Single Mixed. Fine and showy .....	.10	.25
Imported Collection. Twelve Colors, \$1.00.		

LATHYRUS LATIFOLIUS

(Everlasting, or Hardy Sweet Pea)

A hardy perennial climber, flowering the first year if seed is sown in the fall. Flowers resemble sweet peas, but are borne on strong stems, with eight to ten blossoms to the stem. Is not fragrant, but is hardy and showy, and thrives in any good soil; 6 feet.

	<i>Pkt.</i>
White Pearl.—Long spikes of white flowers	\$0.15
Pink Beauty.—Rosy pink .....	.15
Mixed.—All colors .....	.10

LINUM

	<i>Pkt.</i>
Perenne.—A graceful hardy perennial, producing bright blue flowers the entire summer; 18 inches.	\$0.10
Perenne Alba.—A fine white-flowered form of the above .....	.10

LUPINUS (Perennial Varieties)

Hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet.

	<i>Pkt.</i>
Polyphyllus.—Blue	\$0.10
Polyphyllus Alba.—White .....	.10
Polyphyllus Roseus.—Rosy-pink flowers .....	.15
Polyphyllus Lavender Queen.—Lavender, tinted rose .....	.30
Moerheimi.—Flowers rose and white, blooms nearly the whole of the summer. Habit rather dwarf..	.15
Perennial Mixed .....	.05
Hybridum Roseus.—Especially recommended for forcing in the greenhouse. Dainty spikes covered with rose-colored pea-shaped flowers .....	.10

LYCHNIS

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year, if sown early.

	<i>Pkt.</i>
Chalcedonica.—Fine scarlet flowers; 2 ft.	\$0.05
Haageana.—Brilliant orange, scarlet, crimson, etc., in mixture; 1 ft. ....	.15
Salmon Queen.—Very pretty salmon pink .....	.10

HOSEA WATERER, PHILADELPHIA

MIGNONETTE (Reseda)

Machet.—Dwarf and vigorous, large spikes of sweet-scented flowers. Fine for either greenhouse or outdoor culturePkt. 10c.; $\frac{1}{4}$ oz. 25c.

Golden Machet.—Thick, massive spikes of golden-yellow fragrant flowersPkt. 10c.; $\frac{1}{4}$ oz. 25c.

Defiance.—Spikes from 12 to 15 inches long; deliciously fragrantPkt. 10c.; $\frac{1}{4}$ oz. 25c.

Goliath.—The immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks.

Pkt. 15c.; $\frac{1}{4}$ oz. 50c.

Triumph.—Strong, vigorous grower, with extra long and large spikesPkt. 15c.

MYOSOTIS (Forget-Me-Not)

Most of the forget-me-nots will bloom the first year from seed if sown early. If sown in July or August in shaded frames, fine plants will be obtained for spring blooming.

Pkt.

Alpestris Victoria.—Of dwarf, compact growth, with long sprays of bright blue flowers, produced in dense umbels; 6 inches\$0.10

Dissitiflora.—Very free-blooming large-flowering; compact habit15

Palustris Semperflorens.—Very dwarf; blooming from spring until autumn15

Eliza Fonrobert (Robusta grandiflora).—Large-flowering, bright blue; remarkably fine and distinct10

Royal Blue.—Flowers are of larger size and a deeper blue than any other; unexcelled for pot culture10

NEMESIA

Free-blooming dwarf bushes for pot culture and open borders. Seed sown in the autumn makes beautiful pot plants for early spring blooming.

Pkt.

Blue Gem.—A beautiful bright blue\$0.25

Strumosa Suttonii.—Many rich and rare colors and large flowers25

Dwarf Compact Hybrids.—A great variety of new and improved colors and very free-flowering; 9 inches25

PENTSTEMON

Hardy herbaceous plants. Brilliant flowers, somewhat like Foxglove, mostly with white throats. Continual bloomers. Make a fine border flower. Sow seeds in a pan of light soil, and transplant; 2 to 3 feet.

Pkt.

Grandiflorum "Excelsior."—The plants of this fine new variety attain a height of about $2\frac{1}{2}$ feet. The blooms are a great size, almost as large as a Gloxinia, and range in color from white to deep scarlet\$0.25

Mixed.—Large-flowering sorts15

PLATYCODON

The large-flowering Chinese Bell Flower; hardy perennial, bearing large, broad, bell-shaped white or blue flowers, very handsome for garden decoration; 2 feet.

Pkt.

Mixed\$0.10

AUTUMN CATALOGUE, 1922

PANSY

Our seeds of this universal favorite are from the most noted European growers, the choice strains being unsurpassed for size and form of flowers, beauty of markings, brilliancy and variety of colors and shades.

Waterer's "Exhibition Prize," Mixed.—This is a superb mixture of the largest and best types in an immense variety of brilliant colors. Pkt. 50c.; $\frac{1}{8}$ oz. \$1.00; $\frac{1}{4}$ oz. \$3.00; oz. \$10.00.

	<i>Pkt.</i>	<i>Large Pkt.</i>
Cassier's Large-flowered Blotched. —Very fine large flowered mixed	\$0.25	\$0.75
Roemer's Giant, Five Spotted. —Extra choice. We can strongly recommend this strain .....	.50	1.00
Triumph of the Giants. —Plants of robust growth with very large flowers, mostly curled, rich variety of color .....	.50	1.00
English Show. —Extra fine strain, splendid variety of color with good form .....	.50	1.00
Masterpiece. —Very fine blooms, beautifully blotched, very rich colors .....	.50	1.00
English "Prize." —Seed saved from the finest collection of prize plants .....	.75	1.50
Giant "Prize," Light Blue. —Ultramarine blue with violet eye .....	.20	.60
Giant "Prize," Golden Queen. —Bright golden-yellow, marked in the center with a few dark stripes .....	.25	.75
Giant "Prize," Golden-Yellow. —Bright golden-yellow, with large brown eyes....	.20	.60
Giant "Prize," Dark Blue. —Rich dark blue, very large and fine .....	.20	.60
Giant "Prize," Lord Beaconsfield. —Deep violet, shading to white on the upper petals .....	.20	.60
Giant "Prize," Snow Queen. —Satin-white, center slightly tinged with yellow .....	.20	.60
Giant "Prize," White. —White flowers with dark eye .....	.20	.60
Parisian Large Stained. —Very showy strain of Trimardeau, fine large flowers .....	.20	.60
Choice Mixed. —Extra fine, great variety...	.10	.30

HARDY PERENNIAL POPPIES

Perennial Poppies may be sown from June to August, to bloom the following summer.

	<i>Pkt.</i>
Orientele (Oriental Poppy).—The beautiful dark brilliant scarlet hardy Poppy	\$0.10
Hybrid Orientele. —These hybrids contain many new colors, including white, blood-red, salmon, glowing scarlet, etc.; very fine .....	.15
Orientele Excelsior. —A very fine mixture, ranging from delicate salmon to deep crimson .....	.25
Orientele Hybrid "Mrs. Perry." —Orange apricot, very fine .....	.25
Orientele Hybrid "Princess Victoria Louise." —Bright salmon scarlet .....	.25
Iceland (<i>Papaver nudicaule</i>).—They grow about a foot high, and are covered with masses of bright, satin-like flowers. Finest mixed .....	.15
Bracteatum. —Large orange-scarlet flowers .....	.10

PRIMULA CHINENSIS

(Chinese Primrose)

One of our finest winter free-flowering house plants. Our strains may be relied on as being of the finest procurable.

Alba Magnifica.—Pure white, with yellow eye, one of the finestPkt. 50c.

Chiswick Red.—Rich deep rosePkt. 50c.

Crimson King.—The deepest and richest crimson scarlet color in PrimulasPkt. 50c.

Duchess.—Pure white, with large bright carmine centerPkt. 50c.

Holborne Blue.—A beautiful shadePkt. 50c.

Orange King.—Orange-salmon, shaded with terra cotta; very beautifulPkt. 50c.

Excelsior Mixed.—A magnificent strain of Giant PrimulaPkt. 50c.

Stellata.—Large heads of star-shaped flowers of various colorsPkt. 50c.

PRIMULA OBCONICA

A lovely, profuse-blooming Primrose, for pot culture, bearing on long slender stems, beautiful single flowers in clusters.

Obconica Gigantea Kermesina.—Rich crimson.Pkt. 25c.

Obconica Gigantea Coerulea.—BluePkt. 30c.

Obconica Gigantea Eureka.—Rich, rosy carmine, with clear yellow eyePkt. 30c.

Obconica Gigantea Rosea.—Pure rose color..Pkt..25c.

Obconica Gigantea Mixed.—All colorsPkt. 25c.

Obconica Grandiflora Alba.—Pure white....Pkt. 25c.

Obconica Grandiflora Kermesina.—Bright crimson.Pkt. 25c.

Obconica Grandiflora Rosea.—Beautiful clear rose.Pkt. 25c.

Obconica Grandiflora Mixed.—All colors ...Pkt..25c.

VARIOUS PRIMULAS

Kewensis.—The flowers are a bright yellow in color and fragrantPkt. 25c.

Malacoides "Superba."—New improved variety, of a deep, rosy-pink colorPkt. 25c.

Malacoides.—Light lilac, branching habit...Pkt. 25c.

Malacoides Alba.—Pure whitePkt. 25c.

Malacoides Double.—Deep, rosy pink.....Pkt. 50c.

HARDY PRIMROSES

These are among the best of the early spring-blooming plants. With slight protection they will stand the winter, but will do better if protected by a cold-frame.

Auricula.—A well-known variety of great beauty; brilliant colored flowers in umbels, ranging in colors of maroon, purple, crimson, and yellow. Choice mixed from prize flowersPkt. 25c.

Polyanthus (Primula Elatior).—The colors range from white to deep maroon; the yellow, rose, and crimson shades being particularly fine; 9 inches. Finest mixed.Pkt. 25c.

Japonica Mixed.—One of the finest Primroses for the garden, producing several whorls of large flowers, on erect stems, varying from white to crimson; 1½ feet.Pkt. 15c.

Vulgaris (English Primrose).—Flowers fragrant, canary-yellow colorPkt. 15c.

PYRETHRUM

Hardy perennials, bearing single and double Aster-like flowers on long stalks; excellent for cutting. 2 ft.

Hybridum Grandiflorum. — Large-flowering single mixedPkt. 15c.

Hybridum, Fl. Pl.—Double mixedPkt. 25c.

SCABIOSA

Pkt.

- Caucasica.**—A hardy perennial variety with large, pale blue flowers on long stems, valuable for cutting. 3 feet\$0.25
- Japanica.**—Beautiful lavender-blue flowers. 2½ ft. .25

SCHIZANTHUS

Wisetonensis.—A splendid plant for the conservatory or greenhouse. The colors range from soft pink to dark brownPkt. 25c.

Wisetonensis "Excelsior."—This may be described as a much larger flowering strain of Wisetonensis, and with markings and color of a fancy Pelargonium.

Pkt. 50c.

Wisetonensis "Pink Pearl."—Glistening white, with rosy pink margin to petalsPkt. 35c.

Wisetonensis "Snowflake."—Pure white flowers, beautifully frilledPkt. 35c.

Garraway's Hybrids.—A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors. Very effective and lasting, when cutPkt. 50c.

Dwarf Large-Flowered.—A very fine strain of this popular and showy annual, plants grow 12 inches in height, compact and pyramidal habit, great range of colors, bright and showyPkt. 15c.

SMILAX

A popular greenhouse climber with small, dark-green foliage of great value for floral decoration; 8 to 10 feet.

Pkt. 10c.; ¼ oz. 20c.; oz. 60c.

STOKESIA (Cornflower Aster)

Pkt.

Cyanea.—A beautiful hardy perennial. Lavender-blue, cornflower-like blossoms. Blooms from July to frost. Indispensable for cuttings; 2 feet.\$0.15

Cyanea Alba.—A pure white flowering form, identical to the blue variety in every way except color. .15

SWEET PEAS (New Winter-flowering Orchid or Spencer)

These usually bloom in about twelve weeks from the time the seed is planted, and are mostly used for forcing.

Enchantress.—A bright rose-pink, becoming deeper toward the edges of standard and wings.

Heather Bell.—A beautiful mauve lavender.

Hercules, Early.—Giant soft rose-pink.

Lavender King.—A rich, true, deep lavender throughout.

Melody.—Rosy pink on white ground.

Morning Star.—Deep orange-scarlet in standard; orange-pink wings.

Mrs. A. A. Skach.—Shell pink, beautifully waved.

Pink and White, Early.—Giant pink and white.

Rose Queen.—A beautiful shade of rose-pink.

Snow Flake.—Pure white, large and of the best waved Spencer form.

Song Bird.—Pale pink on white ground.

Spring Maid.—Light pink on a cream ground.

Warbler.—Rich mauve purple.

Yarrowa.—Bright rose-pink; wings light pink; large and free bloomer.

Price: Any of the above.

Pkt. 15c.; ½ oz. 75c.; oz. \$1.25.

STOCKS (Gilliflower) WINTER-FLOWERING STOCKS

For forcing in the greenhouse in winter they are unexcelled.

	<i>Pkt.</i>
Abundance. —Color deep rose	\$0.15
Bright Violet. —Fine rich violet .....	.15
Beauty of Nice. —Fine for greenhouse or conservatory; color of flowers an exquisite shade of flesh tint .....	.15
Crimson King. —Brilliant fiery scarlet .....	.15
Monte Carlo. —Beautiful clear canary yellow.....	.15
Empress Elizabeth. —Immense spikes of bright, carmine-rose flowers .....	.15
Princess Alice (Cut and Come Again). —Pure white, tall branching habit, fine for cutting.....	.15
Queen Alexandra. —Delicate rosy lilac; in other respects similar to Beauty of Nice .....	.15
Summer Night. —Rich deep blue .....	.15
White Lady. —This new large-flowering stock grows about 20 inches high with very double, snowy-white flowers. In comparison with other winter stocks White Lady blooms early and remains longer in flower .....	.25

SWEET ROCKET (Hesperis)

A desirable hardy plant; excellent for naturalizing among shrubbery or for planting in a permanent border.

Mixed.—Fragrant white and purple flowers; perennial; 2 to 3 feet. *Pkt.* 5c.; oz. 40c.

SWEET WILLIAM (Dianthus Barbatus)

A beautiful sweet-scented, old-fashioned perennial. Grows 1 to 2 feet high and bears its flowers in clusters at the end of a stiff stem. The individual flowerets are handsomely colored and marked. It makes a beautiful bedding plant. Sow in summer, and transplant when large enough in autumn for blooming the next spring and summer.

	<i>Pkt.</i>	$\frac{1}{4}$ oz.
Pink Beauty. —A beautiful shade of salmon-pink; very large heads on long stems...\$0.15	.15	....
Scarlet Beauty. —Large heads of an intense scarlet color; very striking .....	.15	....
Holborn Glory. —Giant-flowering varieties in finest assortment of colors .....	.10	\$0.25
Single White .....	.05	.25
Single Mixed .....	.05	.20
Double Mixed. —Special strain .....	.15	.40
Imported Collection. —Six varieties, 50c.		

VERONICA (Speedwell)

	<i>Pkt.</i>
Spicata. —An elegant hardy perennial, growing 18 inches high, bearing all summer spikes of bright blue flowers	\$0.10

VIOLAS (Tufted Pansies)

These have smaller flowers than the regular pansies, but bear them so profusely that they are preferred for bedding effects where color only is wanted; 6 inch.

	<i>Pkt.</i>
Admirabilis. —Compact, free-flowering and very showy, mixed colors	\$0.15
Blue Perfection. —Mauve, yellow eye .....	.15
Lutea Splendens. —Golden yellow .....	.15
Purple Queen. —Deep purplish blue .....	.15
Scotch Strains. —Choicest and newest bedding hybrids, mixed .....	.35

Waterer's Reliable Vegetable Seeds

For a complete list of our Vegetable Seed, see our general catalogue. Free on application.

DWARF GREEN-PODDED BEANS

	<i>Lb.</i>	<i>5 lbs.</i>	<i>10 lbs.</i>
Canadian Wonder.—Fine forcing variety	\$0.75	.....	.....
Early Bountiful .....	.35	\$1.40	\$2.75
Extra-Early Red Valentine .....	.35	1.40	2.75
Full Measure .....	.35	1.50	2.75
Stringless Green-Pod .....	.35	1.40	2.75
Triumph of the Frames.—The earliest of the French forcing varieties .....	.75	....	....

BEET

	<i>Pkt.</i>	<i>Oz.</i>	$\frac{1}{4}$ <i>lb.</i>	<i>Lb.</i>
Crosby's Egyptian.—One of the best sorts for early planting. Very smooth, with small top; color deep crimson; sweet and tender.	\$0.10	\$0.15	\$0.50	\$1.25
Early Eclipse.—A very early globe-shaped variety .....	.10	.15	.50	1.25
Bastian's Extra Early.—A desirable variety for sowing in July or early August for a fall crop .....	.10	.15	.50	1.25

CARROT

	<i>Pkt.</i>	<i>Oz.</i>	$\frac{1}{4}$ <i>lb.</i>
Earliest Short Horn (French Forcing)	\$0.10	\$0.20	\$0.60
Early Scarlet Horn.—Tops small and roots grow about 2 inches long. May be grown either in frames or in the open ground .....	.10	.15	.40

CAULIFLOWER

	<i>Pkt.</i>	$\frac{1}{4}$ <i>oz.</i>	$\frac{1}{2}$ <i>oz.</i>
Waterer's Extra Selected Dwarf Erfurt.—The best cauliflower either for forcing under glass or for the open ground, producing very solid, pure white heads of the finest quality	\$0.25	\$1.50	\$2.50
Early Snowball.—Very early, a sure header; grows very close and compact .....	.25	1.25	2.00
Earliest Snowstorm.—A splendid dwarf early variety for forcing or growing in the open ground.....	.25	1.50	2.50
Danish Giant, or Dry Weather.—Heads large, very solid, snow white, and of the most delicate flavor .....	.25	1.50	2.50

CORN SALAD

This is a hardy, quick-growing plant; the leaves furnish a good substitute for lettuce during the winter. Sow seed on the approach of cool, moist weather in the fall to produce leaves for late fall, winter and early spring use. It is quite hardy, and the larger plants may be protected by a light mulch of straw during severe weather for early spring use. **Large Seeded**, Pkt. 10c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.

ENGLISH FORCING CUCUMBER

Lockies Perfection, Telegraph, Tender and True, Sion House. Each, per pkt. of 10 seeds, 25c.; \$2.00 per 100 seeds.

LETTUCE

	<i>Pkt.</i>	<i>Oz.</i>	$\frac{1}{4}$ <i>lb.</i>
Big Boston. —This is a fine forcing variety for cold-frames during the winter months, as it produces heads of very large size, and succeeds better in a cooler temperature than most forcing strains	\$0.10	\$0.20	\$0.60
Black Seeded Tennisball. —Very desirable for hotbed culture in winter .....	.10	.20	.60
Early Dutch Butter, Spotted. —Producing fine large heads of excellent quality, and one of the best forcing and market sorts .....	.10	.25	.75
Grand Rapids. —Produces crisp, tender, green leaves, richly curled. Superb for forcing or outdoor culture .....	.10	.20	.60
Mignonette. —Small, compact heads; leaves slightly curled; edges tinted brown .....	.10	.25	.75
May King. —A fine variety for forcing, ten to fourteen days earlier than any other .....	.10	.25	.75
Wayahead. —The earliest and surest heading of all early lettuce. The outer leaves are light green, heart is a rich buttery yellow of fine quality .....	.10	.25	.75

MELONS

(English Forcing Varieties)

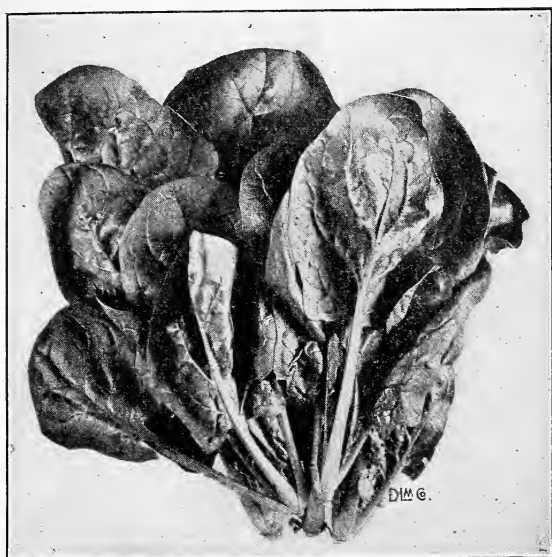
	<i>Pkt.</i>
Blenheim Orange. —Scarlet flesh .....	.25
Golden Perfection. —Pale green flesh .....	.25
Royal Jubilee. —Deep green flesh .....	.25
Windsor Castle. —Green flesh .....	.25
Triumph. —Scarlet flesh .....	.25

PARSLEY

	<i>Pkt.</i>	<i>Oz.</i>	$\frac{1}{4}$ <i>lb.</i>
Champion Moss Curled	\$0.10	\$0.15	\$0.45
Waterer's Triple Curled .....	.10	.35	1.00

RADISH

Cardinal, or Scarlet Globe. —An excellent variety for forcing; brilliant scarlet; fine globe-shaped, with small top	\$0.10	\$0.20	\$0.50
Non Plus Ultra Forcing. —Round, deep scarlet, crisp and tender, short-leaved .....	.10	.20	.50
Extra Early Scarlet Turnip Forcing. —Roots small, globular, deep rich red color .....	.10	.15	.50
Earliest White, or White Rocket. —Oval shape; very small root, small top; flesh white, tender and crisp..	.10	.15	.50
Crimson Giant Forcing. —This variety remains crisp, firm and solid until double the size of others ...	.10	.15	.50
Icicle. —Grows three to four inches long. Is the most transparent of any radish .....	.10	.15	.50
Early French Breakfast. —Oval form; color scarlet, with white tip; excellent quality and of quick growth..	.10	.15	.50
White Box. —Turnip-shaped, pure white Radish; early; fine for forcing and outdoors .....	.10	.15	.50



SPINACH

	Oz.	$\frac{1}{4}$ lb.	Lb.
Bloomsdale Savoy Leaved. —A heavy cropper of fine quality and very hardy. The best for fall sowing..	\$0.10	\$0.20	\$0.60
Victoria. —Heavy, round, dark-green leaves; a fine variety .....	.10	.20	.60
Long Season. —An excellent variety for wintering over, as it is very hardy .....	.10	.20	.60
Long Standing. —The leaves are large, round, thick, curled, and of dark-green color .....	.10	.20	.60
Prickly or Winter. —Hardy variety, adapted for fall sowing .....	.10	.20	.60

TOMATO

	Pkt.
Ailsa Craig. —A very heavy cropper of perfect-shaped fruit; excellent flavor. A free setter....	\$0.25
Bide's Recruit. —A very prolific English tomato, fruit of medium size, bright red in color and of excellent quality .....	.25
Carter's Sunrise. —A heavy cropper, free setter, and bears fine, medium-sized fruits of excellent quality and flavor .....	.25
Comet. —This is a very popular sort, for growing indoors or out, with a medium-sized fruit, almost round, and of a rich scarlet color .....	.15
Fillbasket. —A most healthy and vigorous cropper of well-formed, medium-sized fruit; excellent for forcing .....	.25

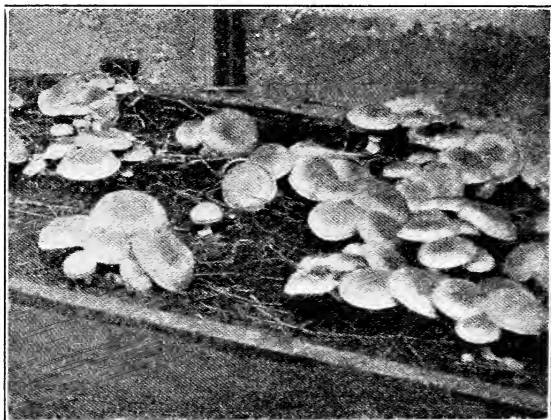
HOSEA WATERER, PHILADELPHIA

TURNIP

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Purple Top White Globe. —A very handsome globe-shaped variety; valuable for table or stock	\$0.10	\$0.15	\$0.30	\$1.00
Purple Top Strap Leaf. —Most extensively used of the flat turnips. White skin and flesh, with purplish top. Quite early and very sweet and tender .....	.10	.15	.30	1.00
Early White Strap Leaf. —A early variety for family use .....	.10	.15	.30	1.00
Golden Ball. —This is the most popular of all the yellow garden varieties; shape perfectly globular; skin deep orange-yellow, and flesh of the finest quality .....	.10	.15	.35	1.00
Yellow Globe. —An excellent sort for early or late sowing; good cropper, fine keeper; excellent for table or stock .....	.10	.15	.30	1.00
Yellow Aberdeen Purple Top. —A very hardy and productive variety of excellent quality; good for either table or stock .....	.10	.15	.30	1.00

RUTA-BAGA TURNIPS

	Pkt.	Oz.	$\frac{1}{4}$ lb.	lb.
Improved Purple Top (Special Strain). —Very hardy and productive; flesh yellow, solid and sweet; excellent for stock or table .....	.10	.15	.30	1.00



Waterer's Reliable Mushroom Spawn

American Spore Culture Spawn.—The most vigorous and prolific spawn on the market. Each brick weighs from $1\frac{1}{4}$ to 1 1-3 pounds, and will spawn from 8 to 10 square feet of beds. Per brick, 35c.; 5 bricks, \$1.60; 10 bricks, \$3.00; 25 bricks, \$7.00; 50 bricks, \$13.50.

Pure Culture Spawn.—The spawn which has held the market for so many years and has given universal satisfaction. Per brick, 35c.; 5 bricks, \$1.50; 10 bricks, \$2.75; 25 bricks, \$6.50; 50 bricks, \$12.50.

MUSHROOM OR HOTBED THERMOMETERS

Heavy Brass Point style, \$2.75 each.

Waterer's Superior Grass Seed Mixtures

We devote very great care in preparing mixtures of grasses, and we are perfectly convinced of their superiority, owing to the yearly increasing demand and the many unsolicited testimonials received. Mixtures of grasses to order of any formula furnished. No charge for mixing.

LAWN GRASS SEED

Waterer's "Special" Evergreen Lawn Mixture

This is the very finest mixture that can be made, and should always be used where a very fine lawn is wanted. It is composed of a combination in proper proportions of the best natural lawn grasses, so as to produce a continuous good lawn from early spring until late in the fall, and the ingredients are the highest grade of re-cleaned seeds only. (20 lbs. to bushel.)

1 lb. 50c.; 5 lbs. \$2.25; 10 lbs. or more, 40c. per lb.

Waterer's "Popular" Evergreen Lawn Mixture. In this mixture the quantities of some of the more expensive grasses are reduced or left out in order to bring the price down to a moderate figure.

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. or more, 35c. per lb.

Waterer's Mixture for Shady Places. A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive.

1 lb. 50c.; 5 lbs. \$2.25; 10 lbs. or more, 40c. per lb.

Waterer's Putting Green Mixture. A mixture of extra fine grasses that will make a close, firm, green and lasting turf.

1 lb. 80c.; 5 lbs. \$3.75; 10 lbs. or more, 70c. per lb.

Waterer's Tennis Court Mixture. A mixture of extra fine grasses for tennis courts, and which will make a firm, green and lasting turf of the finest texture.

1 lb. 50c.; 5 lbs. \$2.25; 10 lbs. or more, 40c. per lb.

Waterer's Polo Ground Mixture. A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage.

1 lb. 45c.; 10 lbs. or more, 35c. per lb.

Waterer's Permanent Pasture Mixture. Containing only the most suitable grasses that will afford an abundant and nutritious food supply for stock. Sow 50 lbs. to the acre.

1 lb. 30c.; 10 lbs. or more, 25c. per lb.

MULFORD CULTURES FOR LEGUMES

Can be had for any of the following crops and will increase their yield and improve the soil:

Alfalfa, Alsike, Crimson Clover, Red Clover, White Clover, Canada Field Peas, Cow Peas, Garden Peas, Beans (Pole or Bush), Soja Bean, Spring and Winter Vetches, and Sweet Peas.

It is supplied in the following sizes:

Garden Size ($\frac{1}{4}$ acre)\$0.75

One Acre Size 1.50

Five Acre Size 5.00

Be sure to always specify what crop it is wanted for when ordering.

Waterer's Extra Recleaned Grass and Clover Seeds

We handle but one Grade—That is the
VERY BEST

(Prices subject to market changes)

	<i>Weight Per bus. lbs.</i>	<i>Per lb.</i>	<i>Per bus.</i>
Blue Grass Fancy Kentucky (<i>Poa pratensis</i>). For pastures and lawns it has no superior. It is usually sown mixed with fine grasses	14	\$0.75	\$8.50
Blue Grass Canadian (<i>Poa compressa</i>). A hardy perennial grass, with creeping root-stalks, forming a close turf. Thrives well on clay soil	14	.60	7.50
Crested Dogtail (<i>Cynosurus cristatus</i>). A stoloniferous perennial, forming a smooth, compact, and lasting turf. Its roots penetrate deeply into the ground, which enables it to stand severe droughts. Valuable in mixtures for lawns and putting greens	21	1.25	
English Rye Grass (<i>Lolium perenne</i>). Fancy. A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns	24	.30	4.00
Hard Fescue (<i>Festuca duriuscula</i>). One of the most desirable dwarf grasses, excellent for dry soils.....	12	.75	8.50
Italian Rye Grass (<i>Lolium Italicum</i>). Adapted to any climate, and produces large and nutritive crops.	18	.30	4.50
Meadow Fescue (<i>Festuca pratensis</i>). A valuable grass for permanent pastures; very productive and nutritious	22	.50	
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the earliest and best pasture grasses. And is highly relished by stock	7	1.00	6.75
Orchard Grass (<i>Dactylis glomerata</i>). A valuable pasture grass; and makes excellent hay	14	.50	5.50
Red or Creeping Fescue (<i>Festuca rubra</i>). Valuable for lawns, and suitable for sandy soils	14	.80	
Red Top, or Herds Grass (<i>Agrostis vulgaris</i>). EXTRA RECLEANED SEED. A valuable grass for meadows, pastures and lawns, where permanent grasses are desirable	32	.45	12.25
Timothy (<i>Phleum pratense</i>). A most valuable grass for hay	45	.20	Market Price

CLOVER SEED (Highest Grades Only)

	<i>Weight Per bus. lbs.</i>	<i>Per lb.</i>	<i>Per bus.</i>
Red Clover Medium (<i>Trifolium pratense</i>). The leading variety of clover for pastures or meadows. Sow at the rate of 12 lbs. per acre if no other grasses are used.....	60	\$0.35	Market Price
White Clover (<i>Trifolium repens</i>). Some white clover is usually included in lawn grass mixtures. It makes an excellent turf that stands constant trampling. It is valuable in permanent pastures, its foliage being sweet and nutritious	60	.70	Market Price
Alsike, or Swedish (<i>Trifolium hybridum</i>). Valuable for sowing with other clover or grasses, as it forms a thick bottom and increases the yield of hay	60	.35	Market Price
Alfalfa, or Lucerne (<i>Medicago sativa</i>). Where this variety succeeds well, it is probably one of the most valuable of all clovers. Sow alone at the rate of 20 to 25 lbs. to the acre	60	.35	Market Price
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). An annual variety producing large crops of green forage, or if cut while in bloom will make excellent hay. Sow at the rate of 20 lbs. to the acre.....	60	.25	Market Price

Pot-Grown Strawberry Plants

For delivery in August and September

All the varieties offered are perfect flowering, requiring no pollenization.

Price: Any of the following, \$7.00 per 100; \$60.00 per 1000, except where noted.

Aroma.—One of the best and most popular late varieties.

August Luther.—One of the best early varieties. Berries are uniform, firm, of dark red color.

Barrymore.—Berries are of large size, firm and of fine quality. Fine for home garden or market. Mid-season to late.

Big Joe.—Productive of very large berries. Late.

Brandywine.—Its great productiveness, large size, beauty of form and color, firmness and high quality make it a desirable variety for any purpose. Late.

Chesapeake.—The fruit is of large size, deep red in color and of a rich aromatic flavor. One of the best late varieties.

Early Jersey Giant.—Brilliant crimson in color, and exceptionally firm. Colors all over at once and has a rich, wild strawberry flavor. Early.

Gandy.—One of the best late berries. Plant a good strong, healthy grower; berry large, firm, bright in color, quality good.

Marshall.—One of the richest flavored strawberries. Is dark crimson when fully ripe and of good size. Requires good soil and high cultivation. Early.

Nick Ohmer.—A giant among strawberries; it is never misshaped; dark, glossy, red, firm and of excellent flavor. Mid-season.

Rewastico.—Color a rich cardinal red, penetrating to the center. Very productive and a vigorous grower. Late.

Senator Dunlap.—Fruit is of good size, regular and attractive in form, deep red in color without and within, firm in substance and excellent in quality. Early.

Sharpless.—One of the most popular; plant exceedingly vigorous, very productive, fruit large, crimson, firm and of good quality. Mid-season.

Success.—One of the very best early varieties. Large, firm, bright crimson fine flavored berries.

William Belt.—Berries are of large size and good quality; deep crimson in color. One of the very best varieties. Mid-season to late.

Layer plants, ready in October, of any of the above varieties, \$2.25 per 100; \$17.50 per 1000.

AUTUMN-FRUITING STRAWBERRIES

Progressive.—The berries are rich, deep crimson, of fair size, excellent quality and firm. \$8.00 per 100.

Superb.—The berries are of good size and handsome appearance. \$8.00 per 100.

Garden Tools and Requisites

(Prices subject to change without notice)



PENN. LAWN CLEANER AND RAKE

This hand machine will remove from the lawn not only the cut grass, but all sorts of leaves and litter, leaving the grass standing upright. One man can do more work than four with rakes. Easy to operate. 24 inches wide, \$30.00; 36 inches wide, \$42.50.

PHILADELPHIA HORSE LAWN SWEEPER

A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. The only reliable horse machine on the market. Sweeps 40 inches wide. Price, \$120.00.

PENNA. UNDERCUT TRIMMER

The unique construction of the Undercut Trimmer permits cutting close up to a wall, fence, tree, etc. Price, \$12.00. Penna. Trimmer (Regular style), \$10.50.

GRASS CATCHERS (Braun's)

Made to fit the Pennsylvania, Continental and Great American Mowers.

12-in.	\$3.00	17-in.	\$3.75
14-in.	3.25	18-in.	3.75
15-in.	3.50	19-in.	4.00
16-in.	3.50	20-in.	4.25

HORSE BOOTS



The Hansel.—Prevent breaking the sod. One of the best boots on the market. Set of four, \$16.00.

Garden Tools and Requisites—Continued

(Prices subject to change without notice)

WHEELBARROW LEAF RACK



This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart,

occupying but little space when not in use. Price, not including wheelbarrow, \$7.50.

LEAF RACKS



Made of wire and metal, thoroughly galvanized. Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck.

Leaf Rack only, no truck, \$8.50.

LEAF RACK AND TRUCK

With 3½ in. tires (steel wheels)\$23.00

Axes, \$2.50 and \$3.25.

Baskets, Orchid (Wood); 4-in., doz. \$5.00; 10-in., doz. \$8.00; 12-in., doz. \$10.00.

Baskets. For gathering leaves, vegetables, etc., 1 bush. size, \$1.25; ½ bush. size, \$1.00.

Baskets, Splint. With handle, ¼ bush. \$1.75 doz.; ½ bush. \$2.00 doz.; ¾ bush. \$2.50 doz.; 1 bush. \$4.25 doz.

Baskets, Hanging. Galvanized wire, per doz., 8-in. \$3.00; 10-in. \$4.00; 12-in. \$6.00; 14-in. \$7.25.

Baskets, Rubbish. 3 bush., rope handles. \$4.50 each.

Bellows, Woodason's Powder. Large double cone, \$6.50; large single cone, \$4.50; small single cone, \$3.00. Liquid Spraying, small, \$3.75; large, \$4.50; Sulphur Bellows, \$3.75.

BOXES, CARDBOARD, FLOWER

Heavy Weight Paper Boxes

Size	Doz.	100	Size	Doz.	100
23x12x5....	\$3.00	\$23.75	30x 9x6....	\$3.40	\$26.25
28x 8x5....	2.65	20.65	30x12x6....	3.65	30.60
30x 9x4....	2.75	21.00	30x14x8....	5.05	40.30
36x 6x5....	3.15	24.00	36x12x6....	4.50	36.75

Light Weight Paper Boxes

Size	Doz.	100	Size	Doz.	100
16x4x3.....	\$0.85	\$6.95	21x5x3½....	\$1.20	\$8.90
20x4x3.....	.95	7.60	24x5x3½....	1.44	10.20
18x5x3.....	.95	7.80	21x8x4.....	1.70	12.60
18x7½x3½..	1.44	10.40	24x8x4.....	1.80	13.65

Brooms (Stable or Road). Rattan or cocoa, \$1.50.

Brooms. Upright, corn, 85c.; corn and rattan, \$1.00.

HOSEA WATERER, PHILADELPHIA

Garden Tools and Requisites—Continued

(Prices subject to change without notice)

Dibbles. Brass point, \$1.00. Iron point, 65c.

Dock Extractors. Heavy, for field use, \$3.50.

Edging Knives. English, 8-in., \$2.25; 9-in., \$2.50.

Edging Knives. American, \$1.00.

Fruit Picker, Boss. Galvanized wire, 60c.

Forks. Hand weeding, English, \$1.00; digging or spading, 4-pronged, \$2.25; 5-pronged, \$2.75; manure, D handle, 4-tine, \$1.75; 5-tine, \$2.00; manure, long handle, 4-tine, \$1.50; 5-tine, \$1.75; hay, long handle, 2-tine, \$1.25; 3-tine, \$1.60.

Fumigators. Perfection and Eureka. The Perfection is made with vapor tank. The vapor prevents scorching and makes the smoke more effective.

	<i>For Greenhouse</i>	<i>Eureka</i>	<i>For Greenhouse</i>	<i>Perfection</i>
No. 1	10x 20 ft.	\$3.60	12x 40 ft.	\$8.10
No. 2	12x 40 ft.	4.95	15x100 ft.	9.90
No. 3	15x100 ft.	6.30	20x100 ft.	12.60
No. 4	20x100 ft.	9.00	20x150 ft.	15.30

Garden Reels. Iron, small, \$1.25; large, \$1.75. Galvanized, single, \$3.00; double, heavy, \$3.50.

Garden Lines. Solid braided, 96 ft., \$1.50; 144 ft., \$2.25; 192 ft., \$3.00; 240 ft., \$3.75.

Glass Cutters. Diamond, \$4.50 and \$5.50; steel wheel, 25c.

Glazing Points. Peerless, per 1000, 80c.

Grass Hooks (Sickles). English riveted back, No. 2, \$1.15; No. 3, \$1.25; solid back, \$1.00.

Grape Protecting Bags. 2 lbs., 60c. per 100; \$5.00 per 1000; 3 lbs., 70c. per 100; \$5.75 per 1000.

Grindstones. No. 2, Auto, 80 lbs., \$9.75; No. 3, Auto, 60 lbs., \$9.00; Sterling, complete with seat and pedals, \$11.50.

Hammers. Steel claw, \$1.25.

Hatchets, \$1.50.

Hose (Rubber). $\frac{3}{4}$ -in., Flexo, Non-Kinkable, 20c. per ft.; $\frac{3}{4}$ -in., Revero, 18c. per ft.; Electric, $\frac{3}{4}$ -in., 24c. per ft.; $\frac{3}{4}$ -in., 5-ply, Multiplex, 16c. per ft.

Hoze Nozzles. Boston, coarse or fine, \$1.10; Boss, \$1.00; Gem, 90c.

Hose Couplings. Brass, $\frac{3}{4}$ -in., per pair, 30c.; per doz., \$3.50.

Hose Menders. $\frac{3}{4}$ -in., Iron, \$1.25 doz.; Cooper's, brass, \$1.25 doz.; Hudson, 85c. doz.

Hose Bands. Caldwell's, 40c. doz.; Hudson, 20c. doz.

Hose Washers. 10c. per doz.

Hose Reels. Style "B" No. 10, capacity, 100 ft. of $\frac{3}{4}$ -in. rubber hose. Price, \$5.00. Style "B" No. 20, capacity, 150 ft. of $\frac{3}{4}$ -in. rubber hose. Price, \$6.00.

Hotbed Mats. (Improved standard). 40x76, \$3.50 each; per doz., \$35.00. 76x76, \$4.00 each; per doz., \$47.50.

Straw Mats. 3x6 ft., \$2.00 each; 6x6 ft., \$3.50 each.

Knives. Budding, \$2.00 and \$2.25. Pruning, \$1.50.

Labels. Wooden, painted.

	100	1000		100	1000
4-inch	\$0.30	\$2.00	8-inch	\$1.40	\$8.50
4 $\frac{1}{2}$ -inch ..	.35	2.25	10-inch	1.90	11.50
5-inch . . . .	.40	2.45	12-inch	2.25	13.65
6-inch . . . .	.50	3.00	18-inch	3.50	32.50

AUTUMN CATALOGUE, 1922

Garden Tools and Requisites—Continued

(Prices subject to change without notice)

Lawn Sprinklers, Enterprise. Best on sled base. No. 1, \$6.00.

Mattocks. With handles, pick, pointed, \$2.00; axe, pointed, \$2.00; half mattocks or grub hoes, \$1.50.

Mole Traps. Reddick, \$1.50; Olmstead, \$2.00.

Paper, Manila. For wrapping, 24x36, per lb., 20c.

Manila tissue, per ream, \$2.25.

White wax, 24x36, per ream, \$4.25.

Green wax, \$5.00.

Picks. \$2.00.

Posthole Digger. No. 8 Eureka, \$5.50.

Pruners, Waterer's Tree. 4 ft., \$2.25; 6 ft., \$3.00; 8 ft., \$3.25; 10 ft., \$3.75; 12 ft., \$4.00; 14 ft., \$4.25.

Little Giant Tree Pruner, \$2.25, with saw, at \$3.00.

Rakes. Gravel, with short teeth for walks and drive-ways, 12 teeth, \$1.15; 14 teeth, \$1.25; 16 teeth, \$1.35; 18 teeth, \$1.45.

Garden, 8 teeth, 75c.; 10 teeth, 85c.; 12 teeth, 95c.; 14 teeth, \$1.05; 16 teeth, \$1.15.

Bow steel, 11 teeth, \$1.05; 13 teeth, \$1.15; 15 teeth, \$1.25.

Ames, wood, 24 teeth, \$1.50; Globe, 20 teeth, 75c.

Lawn Queen, galv. steel wire, 24 teeth, \$1.00; 36 teeth, \$1.50.

Saws, Pruning. Single edge, 18-in., \$1.60; 20-in., \$1.70.

Double edge, 18-in., \$1.10; 20-in., \$1.25.

Disston Carpenter, 26-in., \$3.00; 28-in., \$3.25.

Buck or Wood, \$2.50.

1-Man Crosscut, 3½-ft. blade, \$3.50.

2-Man Crosscut, 5-ft. blade, \$5.50.

Scissors. Grape, \$1.75.

Flower-gathering, Saynor's, \$1.75.

Scythes. Riveted back, 34-in., \$3.00; 36-in., \$3.00.

Scythes. Solid back, 32-in., \$2.00; 34-in., \$2.00; 36-in., \$2.00.

Scythe Stones. Each 25c. and 30c.; Talacre, 40c.

Scythe Snath. Each, \$2.00.

Shears, Grass Border (English). 8-in., \$3.25; 10-in., \$3.50.

With wheel, 9-in., \$4.00; 10-in., \$4.50.

Hedge (English). 8-in., \$3.25; 9-in., \$3.50; 10-in., \$4.00.

Sheep, or Grass. \$1.50 and \$1.75.

Lopping. \$4.00, \$5.25, \$6.00, \$7.00 each.

Hand Pruning. \$1.25 to \$3.25; nicked, 6-in., \$1.50.

Hand Pruning. Wiss, 8-in., \$4.50.

Shovels. Ames' extra quality. Square and round pointed, long and short handles, \$2.75.

Good quality. Square and round pointed, long and short handles, \$1.75.

Sieves. 18-in., \$1.65; 20-in., \$1.75.

Spades. Ames' extra quality, long and short handles, \$2.75.

Good quality, long and short handles, \$1.75.

Stake Fasteners (Cort's). \$2.25 for 500; \$4.00 per 1000.

Stakes, Cane. Japanese, 5 to 6 ft., per 100, \$2.35; 1000, \$20.00; 6 to 8 ft., 100, \$3.25; 1000, \$27.50.

HOSEA WATERER, PHILADELPHIA

Garden Tools and Requisites—Continued

(Prices subject to change without notice)

Stakes. Galvanized steel.

No. 10 Wire, Light				No. 8 Wire, Heavy			
	100	1000			100	1000	
2 ft. long..	\$1.00	\$8.00	4 ft. long..	\$2.75	\$23.00		
2½ ft. long..	1.25	10.00	4½ ft. long..	3.00	26.50		
3 ft. long..	1.50	12.00	5 ft. long..	3.75	29.50		
3½ ft. long..	1.60	14.00	6 ft. long..	4.25	35.00		

Light, Tapering, Round, Painted Green.

	Doz.	100		Doz.	100
1½ feet	\$0.25	\$1.88	3 feet	\$0.91	\$6.75
2 feet ....	.47	3.50	3½ feet	1.13	8.37
2½ feet ....	.69	5.16	4 feet	1.34	10.00
			5 feet	1.78	13.25

Heavy Rose or Dahlia, Round, Painted Green.

	Doz.	100		Doz.	100
3 feet	\$1.45	\$10.75	5 feet	\$2.35	\$18.25
3½ feet	1.65	12.40	6 feet	3.00	22.40
4 feet	1.95	14.25			

Hyacinth Stakes

Used for staking hyacinths, tulips and slender plants; dyed green.

	100	1000
5-inch	\$0.20	\$1.50
12-inch .....	.30	2.50
18-inch .....	.40	3.50

Square Plant Stakes, Painted Green.

	Doz.	100		Doz.	100
1½ feet	\$0.30	\$1.85	3½ feet	\$1.15	\$8.25
2 feet ....	.45	2.60	4 feet	1.40	9.75
2½ feet ....	.60	4.00	5 feet	2.00	14.00
3 feet	1.00	7.25	6 feet	2.50	16.50

Auto Spray.—No. 1A Brass Tank with Stop Cock, \$9.00.

Auto Spray.—No. 1B Brass Tank with Auto-Pop, \$9.50.

Auto Spray.—No. 1C Galv. Tank with Stop Cock, \$6.00.

Auto Spray.—No. 1D Galv. Tank with Auto-Pop, \$6.50.

“Gardener’s Choice” Spray Outfit.—A tank on wheels, holds 25 gallons, fitted with pump; complete with hose and nozzle, \$36.50.



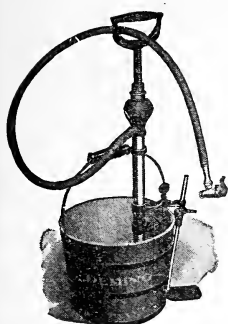
“GARDENER’S CHOICE” SPRAY OUTFIT

Syringes, Brass

No. 103, 1 stream and 1 spray, 16-in.	\$6.00
No. 110, 1 stream and 2 sprays, 16-in.	7.00

Garden Tools and Requisites—Continued

(Prices subject to change without notice)



PERFECT SUCCESS BUCKET
PUMP

Perfect Success Bucket Pump.—One of the best. Complete with hose and nozzle, \$7.75.

Deming's "Century" Barrel Spray Pump.—An extra powerful pump; complete, with 12½-ft. section of ½-inch hose and nozzle, \$17.85; with barrel and trunnions, \$28.00.

Thermometers

	<i>Each</i>
No. 5154—10-inch	\$1.25
No. 5410— 8-inch	1.40
No. 5410—10-inch	1.60
No. 5410—12-inch	1.75
No. 5420— 8-inch	1.25
No. 5420—10-inch	1.50
No. 5440— 8-inch .....	.30
No. 5440—10-inch .....	.40

Maximum and Minimum (self-registering), \$5.50.

Hotbed or Mushroom. Brass point, each, \$2.75.

Torch. For burning caterpillars' nests. Asbestos, 65c.

Trowels. English Steel, 6-in., 75c.; 7-in., 85c.; steel shank, 85c.; Cleves' Angle, 25c., 30c. and 35c.; Transplanting, 70c.

Watering Cans (Wotherspoon's). Galvanized, extra heavy.

	<i>Round</i>	<i>Oval</i>
4 quart	\$3.50	
6 quart	3.85	\$4.50
8 quart	4.15	4.80
10 quart	4.45	5.10
12 quart	4.90	5.70
16 quart	5.40	6.40

4-quart Fern or Low Watering Can, \$2.75.

Extra Roses or Sprays. For Wotherspoon Watering Can, either coarse or fine, 45c. each.

Wheelbarrows. Garden and farm.

No. 3, 1¾-inch tire, \$8.50; No. 4, with 1¾-inch tire, \$9.00; No. 5, 1¾-inch tire, \$10.00; extra for 2¾-inch tire, 50c. each.

Wire, Galvanized.

<i>No.</i>	<i>Per Roll 12 lbs.</i>	<i>No.</i>	<i>Per Roll 12 lbs.</i>
16	\$1.50	20	\$1.90
18	1.60	22	2.00
19	1.80	24	2.20

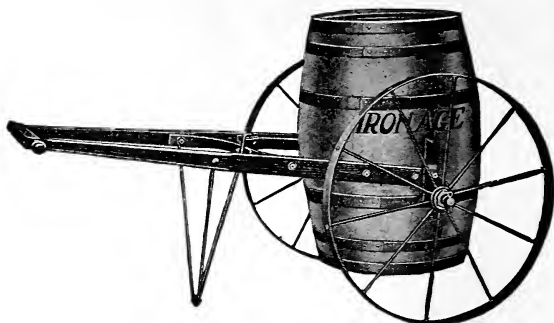
Wire. Cut Bouquet, 12 inches:

No. 20, per box 12 lbs.	\$3.00
No. 22, per box 12 lbs.	3.25
No. 24, per box 12 lbs.	3.50

HOSEA WATERER, PHILADELPHIA

Garden Tools and Requisites—Continued

(Prices subject to change without notice)



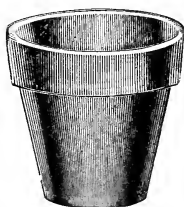
WATER BARREL AND TRUCK

The prices below include barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack or hand cart box attached.

3½-inch tire truck, all-steel wheels, with barrel..	\$22.50
Extra Barrels with trunnions	7.00
Hand Cart Box for Truck	6.50
Extra trunnions, per pair, \$1.25.	

STANDARD FLOWER POTS

Full inside measurement—height and width. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.



FLOWER POT

Sizes	Doz.	100	1000
1 in.	\$0.17	\$1.22	\$11.48
2 in. ....	.18	1.02	9.56
2¼ in. ....	.18	1.16	10.84
2½ in. ....	.18	1.35	12.75
3 in. ....	.24	1.76	16.58
3½ in. ....	.29	2.16	20.40
4 in. ....	.36	2.70	25.50
4½ in. ....	.49	3.65	34.43
5 in. ....	.65	4.86	45.00
5½ in. ....	.81	6.08	57.38

Sizes	Each	Doz.	100	1000
6 in.	\$0.09	.98	7.29	68.85
6½ in. ....	.13	1.30	9.72	91.80
7 in. ....	.15	1.62	12.15	114.75
8 in. ....	.22	2.34	17.55	165.75
9 in. ....	.33	3.60	27.00	255.00
10 in. ....	.45	4.86	36.45	
11 in. ....	.66	7.20	54.00	
12 in. ....	.91	9.90	74.25	
14 in.	1.48	16.20	121.50	

Square Seed Pans

	Each	Doz.
6 in. x 6 in.	\$0.83	\$9.00
8 in. x 8 in.	1.11	12.06
10 in. x 10 in.	1.38	15.12
12 in. x 12 in.	1.65	18.00

WOOD FIBER SAUCERS

	Each	Doz.		Each	Doz.
5 inches	\$0.32	\$3.60	10 inches	\$0.46	\$5.30
6 inches ....	.34	3.90	12 inches ....	.55	6.30
7 inches ....	.37	4.20	14 inches ....	.74	8.40
8 inches ....	.39	4.50	16 inches	1.31	15.00
9 inches ....	.43	4.90	18 inches	1.52	17.40
			20 inches	1.95	22.00

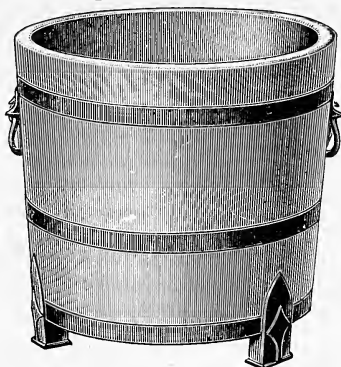
AUTUMN CATALOGUE, 1922

Garden Tools and Requisites—Continued

(Prices subject to change without notice)

TREE AND PLANT TUBS

Made of white cedar, painted green and bound with extra iron hoops. Drop handles. Iron feet.



CEDAR PLANT TUB

No.	Inside Diam.	Depth Inches	Each	No.	Inside Diam.	Depth Inches	Each
0	24 $\frac{3}{4}$ in.	24..	\$11.25	5	14 $\frac{7}{8}$ in.	14..	\$5.50
1	23 $\frac{3}{8}$ in.	22..	10.00	6	12 $\frac{7}{8}$ in.	12..	4.25
2	21 in.	20..	9.00	7	11 $\frac{3}{4}$ in.	10..	3.75
3	18 $\frac{11}{16}$ in.	18..	7.25	8	10 $\frac{11}{16}$ in.	9 $\frac{1}{2}$	3.25
4	16 $\frac{1}{2}$ in.	16..	5.85				

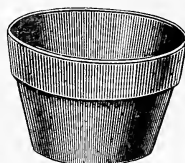
WATERER'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric-welded wire hoops, which do not rust. Handles extra, 15c. per pair. State whether you wish handles.

No.	Inside Diam.	Depth	Each
6	11 inches	10 inches	\$1.25
7	12 inches	11 inches	1.50
8	13 inches	12 inches	1.90
9	14 inches	13 inches	2.20
10	15 inches	14 inches	2.35
11	16 inches	15 inches	2.75
12	17 inches	16 inches	3.25
13	18 inches	17 inches	3.75
14	19 inches	18 inches	4.50

EARTHEN BULB PANS

Width	Height	Each	Doz	100
6 in.	3 in.	\$0.09	\$0.98	\$7.29
7 in.	3 $\frac{1}{2}$ in.	.15	1.62	12.15
8 in.	4 in.	.22	2.34	17.55
9 in.	4 $\frac{1}{2}$ in.	.33	3.60	27.00
10 in.	5 in.	.45	4.85	36.45
12 in.	6 in.	.91	9.90	74.25
14 in.	7 in.	1.48	16.20	121.50



BULB OR LILY PAN

AZALEA, OR LOW EARTHEN POTS

Width	Height	Each	Doz.	100
6 in.	5 in.	\$0.09	\$0.98	\$7.29
7 in.	6 in.	.15	1.62	12.15
8 in.	7 in.	.22	2.34	17.55
10 in.	8 in.	.45	4.86	36.45

WOOD FIBER FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0	8 in.	13 in.	\$1.65	\$18.60
1	5 $\frac{1}{2}$ in.	10 in.	1.40	16.20
2	4 $\frac{1}{2}$ in.	9 in.	1.25	14.40
3	4 in.	6 in.	1.10	12.60
4	4 in.	4 $\frac{1}{2}$ in.	.90	10.20
00	9 in.	21 in.	5.80	....
11	5 in.	18 in.	1.95	22.00
22	4 $\frac{1}{2}$ in.	15 in.	1.75	20.00
33	4 in.	12 in.	1.60	18.00
44	3 in.	9 in.	1.25	14.00

Fertilizers for the Farm, Lawn, Garden and Greenhouse

(Prices of Fertilizers subject to change without notice)

Agricultural Salt. Used as a top dressing for asparagus beds. Should be applied early in the spring at the rate of 800 to 1000 lbs. per acre. 100 lbs., \$1.75; 200 lbs., \$2.75; \$21.00 ton.

Blood (Dried). 50 lbs., \$2.75; 100 lbs., \$5.00.

Bon Arbor No. 1. Is immediately soluble in cold water, therefore all the properties are available to plant life from the moment of application. It is quick in action, enabling you to see its effects in from three to ten days on any quick-growing plants, vegetables and lawns, and on slower-growing plants in a proportionate time. (1 lb. dissolved in water will make thirty gallons.) 8-oz. can, 30c.; 1 lb., 60c.; 5 lbs., \$2.75.

Bone Flour. Ground perfectly fine, an excellent fertilizer for pot plants or beds where an immediate effect is wanted. 100 lbs., \$6.00; 200 lbs., \$10.00.

Raw Bone Meal (Warranted Pure). 3 lbs., 25c.; 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.00; sack of 200 lbs., \$7.00; $\frac{1}{2}$ ton, \$30.00; ton, \$55.00.

Canada Hardwood Ashes. Excellent as a lawn dressing; 1000 to 1500 lbs. per acre. Per bbl., \$3.50; ton, \$30.00.

Cattle or Cow Manure, Shredded. For garden, lawn and greenhouse, and especially good to mix with compost. 100 lbs., \$3.50; 500 lbs., \$16.25; 1000 lbs., \$30.00; per ton, \$55.00.

Chrysanthemum Manure (Thomson's SPECIAL). Entirely soluble and very powerful. Especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. 28-lb. bag, \$4.00; 56-lb. bag, \$7.00.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28-lb. bag, \$4.00; 56-lb. bag, \$6.75; 112-lb. bag, \$12.50.

Horn Shavings. A valuable and rich fertilizer, especially for roses, chrysanthemums, etc. 50 lbs., \$4.00 \$7.50 per 100 lbs

Kainit. Apply at the rate of 1000 lbs. per acre. Should be spread during winter. Price on application.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and worn-out soils, also for mixing with Paris green. 100 lbs., \$1.90; 200 lbs., \$3.50; ton, \$30.00.

Nitrate of Soda.—It is very quick in action and hastens maturity of crops fully two weeks. A fertilizer for all crops. Apply mixed with land plaster at the rate of 200 or 300 lbs. per acre. 5 lbs. 50c; 25 lbs. \$2.00; 50 lbs. \$3.50.

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Fertilizers—Continued

(Prices of Fertilizers subject to change without notice)

Humus (Nature's plant food). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with $\frac{1}{2}$ to 2 inches of Humus and spaded in. \$2.75 per 100 lbs.; per 500 lbs., \$12.00; \$18.00 per 1000 lbs.; per ton, \$32.50.

Sheep Manure, Pulverized. We recommend this for all purposes where a high-class fertilizer is required. It is gathered from sheep corrals where they have been under cover, hence retaining its fertilizing requisites. For flower or vegetable gardens and as a top dressing for lawns it is unequaled. Also excellent for pot plants. 5 lbs., 45c.; 10 lbs., 75c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$16.25; 1000 lbs., \$30.00; ton, \$55.00.

Sheep Manure (Wizard Brand). For garden, lawn or greenhouse use. 100 lbs., \$3.50; 500 lbs., \$16.25; 1000 lbs., \$30.00; ton, \$55.00.

Soot, Scotch. Genuine imported. An excellent fertilizer for stimulating growth, and giving a rich dark foliage; also an excellent remedy against slugs, grubs and cut-worms when mixed in the surface of the soil. Sack, 112 lbs. \$8.00.

Tobacco Stems. For fumigating, mulching and fertilizing; an excellent top dressing for lawns in winter. Small bale, \$2.00; large bale, \$3.25; \$15.00 per $\frac{1}{2}$ ton; per ton, \$27.50.

Vine, Plant and Vegetable Manure (THOMSON'S). A safe and reliable food and stimulant for grape vines and every fruit-bearing plant; also for foliage, flowering plants and vegetables. 56-lb. bag, \$5.75; 112-lb. bag, \$10.00.

SUNDRIES

Charcoal (Lump). For use in potting. Bag, \$3.00.

Orchid Peat. Selected, per sack, \$3.00.

Jersey Peat. Per bbl., \$3.25.

Sphagnum Moss (Dry). 5-bbl. bale, \$5.00.

Sphagnum Moss (Live). Per bbl., \$3.25.

Moss (Green Lump). Per bbl., \$3.00.

Moss (Green Sheet). \$3.50 per sack.

Propagating Sand. Per bbl., \$3.00.

Raffia. For tying, per lb., 25c.

Green Silkaline. Per spool, 40c.; 8 spools, \$3.00.

Green Twine. Per lb., \$1.40.

Jute Twine. Per ball, 15c.

Tar Twine. Per ball, 25c.

No. 18 Medium Italian Twine. Per ball, 35c.

No. 36 Heavy Italian Twine. Per ball, 35c.

Carnation Bands (Rubber). For mending bursted calyx. 30c. per oz.

Grafting Wax. $\frac{1}{2}$ lb., 30c.; per lb., 50c.

Insecticides, Etc.

(Prices subject to change without notice)

Ant Destroyer.—A powder for destroying ants in lawn, garden or house. \$1.00 per lb.

Aphine.—The Recognized Standard Insecticide. Not a cure-all, but a specific remedy for all sap-sucking insects infesting plant life, such as green, black, white fly, thrips, red spider, mealy bug, and soft scales. $\frac{1}{4}$ pt., 25c.; $\frac{1}{2}$ pt., 40c.; 1 pt., 65c.; \$1.15 per qt.; \$3.25 per gal.

Aphis Punk.—A nicotine paper for fumigating. Box \$1.00; case, 12 boxes, \$10.00.

Arsenate of Lead (Paste).—Unexcelled as a general spray for all leaf-eating pests. 1 lb., 40c.; 5 lbs., \$1.65; 10 lbs., \$3.00.

Black Leaf 40.—A concentrated solution of nicotine for spraying. $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.50.

Bordeaux Mixture (Liquid).—For all fungus diseases, such as mildew and the various rots of the grape; one gallon will make one barrel liquid. 1 gal., \$1.50.

Bug Death.—Per lb., 18c.; 3 lbs., 45c.; 5 lbs., 75c.; 12 $\frac{1}{2}$ lbs., \$1.50.

Bug-Death Duster.—60c., 75c.

Copper Solution (Liquid).—For fungus, mildew, leaf blight, rust and black rot. 1 qt., \$1.50; 1 gal., \$3.75.

Fungine.—An infallible remedy for mildew, rust and bench fungi. Does not stain the foliage. \$1.00 per qt.; \$3.00 per gal.

Grape Dust.—For the prevention of mildew on roses, grapes, gooseberries, etc. 5-lb. pkg., \$1.00; 10 lbs., \$1.85.

Hellebore.—For destroying slugs, worms, caterpillars, etc. Lb., 60c.; 5 lbs., \$2.75.

Kerosene Emulsion (Liquid).—For cabbage worm, scale on trees, caterpillar, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. Pt., 50c.; qt., 85c.; 1 gal., \$2.50.

Imperial Soap Spray.—The base of this spray is a soap containing vegetable poisons and particularly effective against red spider on fruit, the rhododendron fly, and all insects affecting the rose. Pt., 65c.; qt., \$1.00; 1 gal., \$3.00; 5 gals., \$12.00.

Lemon Oil Co.'s Standard Insecticide.—Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc. $\frac{1}{2}$ pt., 35c.; pt., 60c.; qt., \$1.00; $\frac{1}{2}$ gal., \$1.75; 1 gal., \$3.00; 5 gals., \$12.00.

Lime Sulphur Solution.—A perfect Scale and Fungus destroyer; special for Plum and Peach Trees, which need fall and spring treatment; cures Peach leaf curl. Use during dormant period. Protect the hands with gloves when applying. Dilute with 10 parts of water. Qt., 50c.; $\frac{1}{2}$ gal., 75c.; gal., \$1.15; 5 gals., \$4.00; $\frac{1}{2}$ bbl. (30 gals.), \$12.00; bbl. of 50 gals., \$15.00.

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Insecticides, Etc.—Continued

(Prices subject to change without notice)

Nico Fume.—This is the strongest tobacco paper on the market. Does not injure blooms and furnishes the easiest method for fumigation ever devised. Tin boxes of 24 sheets, \$1.35; box of 144 sheets, \$6.00; 288 sheets, \$11.00.

Nico Fume Liquid.—An effective vaporizing liquid, $\frac{1}{4}$ lb., 75c.; 1 lb., \$2.35; 4 lbs., \$8.50; 8 lbs., \$16.50.

Nikoteen.—An economical and powerful nicotine extract. One part to 600 of water is sufficiently strong to kill all insects, except scale, for which use 1 to 400. 1-oz. bottle, 25c.; $\frac{1}{2}$ lb., \$1.25; lb. bottle, \$2.00.

Paris Green.—1 lb., 50c.

Pyrox.—A combined insecticide and fungicide for all leaf-eating insects. Used largely by potato growers. 1 lb., 40c.; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00; 300 lbs., \$51.00.

Readeana Rose Bug Exterminator.—Dilute and apply as a spray. Harmless to the most delicate plant. 8 oz., 50c.; 24 oz., \$1.00; per gal., \$4.00.

Scale Destroyer.—Especially prepared for the destruction of the San José Scale. Per qt., 65c.; 1 gal., \$1.60; 5 gals., \$7.00.

Slug Shot (Hammond's).—One of the cheapest and best powders for destroying insects. 5 lbs., 60c.; 10 lbs., \$1.15; 25 lbs., \$2.75.

Sulphur, Powdered.—For mildew. Lb., 10c.; 5 lbs., 45c.; 10 lbs., 85c.; 25 lbs., \$2.00; 100 lbs., \$7.50.

Tobacco Dust (Stoothoff's).—For burning or dusting; state which is wanted. 5 lbs., 45c.; 85c. per 10 lbs.; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$6.00.

Tobacco Stems.—Bbl. sack, \$2.00; large bale, \$3.25.

Vermine.—A soil sterilizer and germicide. Destroys eel, cut, wire and grub worms, maggots, root lice and ants. Used one part to 400 parts water, it does not injure plants, but protects your crops against ravages under the soil. Qt., \$1.10; gal., \$3.25.

Weed Killer.—For the destruction of weeds and grass on roadways, paths, gutters and places where no growth is wanted. One gallon diluted usually covers 500 to 1000 square feet. One gallon makes 40 gallons treating liquid. Gal., \$1.75; \$6.75 per 5 gals.; \$50.00 for 50 gal. bbl.

Fish Oil Soap (Good's Caustic Soft Soap).—2 lbs. 50c.; \$1.10 for 5 lbs.; \$4.75 per 25 lbs.

Worm Eradicator, Radix.—Destroys worms in greenhouse benches and in potted plants or for outdoor use. 1-lb. can, 85c.

Hosea Waterer

Catalogue of

HIGH GRADE
BULBS



1922

HOSEA WATERER

Seedsman and Bulb Importer

628 CHESTNUT ST., PHILADELPHIA